



*A Project REPORT On*

**COMPANY MANAGEMENT SYSTEM**

**MASTER IN COMPUTER APPLICATION (MCA)**

**UNDER THE GUIDENCE**

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# IGNOU THE PEOPLES UNIVERSITY



A PROJECT REPORT  
ON

# "COMPANY MANAGEMENT SYSTEM"

SUBMITTED BY :

NAME : XXXXXXXXXXXX

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# **COMPANY MANAGEMENT SYSTEM**

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**ROLL NO-XXXXXXXXXX  
XXXXXXXXXXXXXXXX**

A project report submitted to IGNOU  
in partial fulfilment of the requirements for  
the degree MCA

**2025**

# **COMPANY MANAGEMENT SYSTEM**



**CMS**

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## ACKNOWLEDGEMENT

Initially, I would like to give my senior due regards for their valuable guidance and timely advice. He has encouraged me tremendously to put my whole heartedness into this project among his tremendous contribution

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# PROJECT SYNOPSIS



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# **1. Title of the Project**

## **Company Management System**

# **2. Introduction and Objective**

## **2.1 Overview**

Company Management is an online web based system which is responsible for handling the management of its clients. In Company Management System a client is being created by the Company Management group and passed it to the client to utilize the services of the Company Management System by its own way. All the management is being done by the members of the company.

Company Management is primarily meant for giving its services to its clients it gives full freedom to maintain its employee, maintains its projects and maintains payment of its projects and employee can also set events. It will automate all its employee status i.e. which employee is assigned to which project what are the daily routines of an employee, its daily report. With CMS we can assign projects to different employee and assign their responsibilities related to project. It will also automate the deadline of an ongoing project and checks its payment for pending or cleared. Beside that it will manages that all its employees has equal work load so that a perfect balance between the work and employee is always there.



## **2.2 Project Objective**

There are several main objectives for this project:

- To improve efficiency of managing project.
- To give a well organised platform for managing all its employee and projects.
- To provide up-to-date information about it projects.
- To provide a better utilization of time and money.
- To provide a correct information to the management level which can take proper decision in favour of the organization.
- To show event listing of organization as well as personal.

## **3. Project Category**

CMS- Company Management System is a Online Management System for managing the work of an organisation, which is to be developed using the Internet technologies with an RDBMS as a backend.

## **4. Tools/Platform, Hardware and Software Requirements**

### **4.1 Development Tools and Platform**

To develop CMS-Online, the following tools/platform is proposed to be used:

- Windows 2003 Enterprise server
  - Apache Web Server 2.2.11
  - MySQL 5.1.33
  - PHP 5.2.9
  - Edit Plus
  - Macromedia Dreamweaver
  - Adobe Photoshop 7.0
-

- Internet Explorer 6.0 or above.

## **4.2 Hardware Requirements**

CMS is proposed to be installed on a web server having the following minimum hardware requirements:

- Intel® Dual Xeon® 5000 series Dual Core Processor having clock speed 2.33 GHz or more
- 2 GB DDR-2 RAM
- 2 x RAID-1 SATA-2 Hard Disk Drives having capacity of 250 GB each
- At least 50 GB free space for the installation of My SQL, PHP, Apache, Dreamweaver, Edit Plus and Adobe Photoshop.
- DVD Writer and Tape Drives for backup purposes
- Leased line internet or Intranet connection to the server with a bandwidth of at least 2 Mbps
- Other Peripherals is as per requirements

On the client side, at least a Pentium-IV personal computer with 256 Kbps Internet/Intranet access facility is recommended.

## **4.3 Software Requirements**

On the server side CMS will require the following software platform:

- MySQL Database Management System
  - PHP
  - Apache Web Server
  - Windows 2003 server Enterprise Edition
-

On the client side the sole requirement is any html compatible browser with support of Flash Player e.g. Microsoft Internet Explorer, Opera, Firefox etc.

#### 4.4 Server Requirements

On the server side CMS will require the following software platform:

- MySQL Database Management System
- PHP
- Apache Web Server / IIS
- Windows Server / Linux Server
- Cron Job for Linux / Scheduler For Windows
- SSL Certification For Security

### **5. Problem Definition, Requirement Specification, Planning and Scheduling.**

#### 5.1 Problem Definition

As per to the existing procedure handling of the project is little clumsy in respect to the current scenarios. It is difficult to handle that how a employee can handle more than one project and how its incentives and salary is being calculated in accordance with the project he/she is handling. Some employee has overburden ofwork and some has little to do. The distribution of work is not done equally due towhich handling is difficult.

Problem with the existing manual system are –

- In consistency between project handled by the employees.
  - Loss of Transaction entry.
  - Query Process by Authority and various users are time consuming which unnecessarily reduce the production time of technical department.
-

- Compilation of Statistics is a big problem

CMS proposes to simplify the procedure within the resources by introducing online implementation and more simplification of the modules that handles the production of project. As system is well connected on internet/intranet all the information is available all time so sharing and accessing of information is easier and due to well securely build up it is free from unauthorized access.

## 5.2 Requirement Specifications

### 5.2.1 Functional Requirements

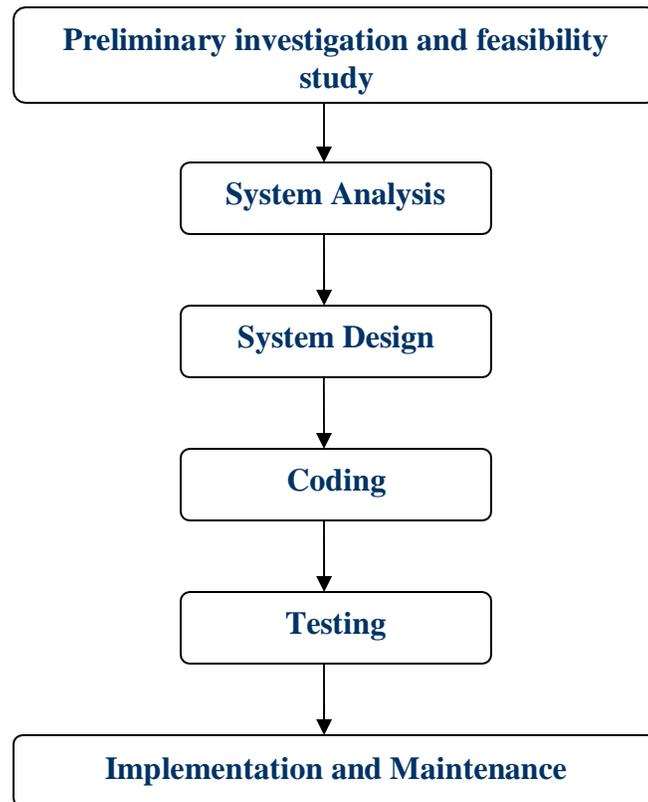
CMS replaces the existing system for the newer modules which helps in maintaining the integrity and consistency between the modules. Thus keeping in mind a careful study of the requirements of the end user revealed the following specific functional requirements:

- CMS Client requirements.
    - ❖ Log into the system
    - ❖ Addition of new Employees in the project.
    - ❖ Updating the daily reports of the employees currently employed Under different projects.
    - ❖ Assigning new projects to the new employees.
    - ❖ Assigning new responsibilities to the different employees.
    - ❖ Viewing of ongoing and pending projects.
    - ❖ Viewing of reports.
    - ❖ Viewing the status of the employee during the time period.
    - ❖ Viewing the completed and pending payments of the clients.
-

- Administrative requirements
  - ❖ Addition of new company.
  - ❖ Addition of any new feature.
  - ❖ Generation of various types of report for administrative and technical diagnostic purposes.

### 5.3 Project Planning and Scheduling

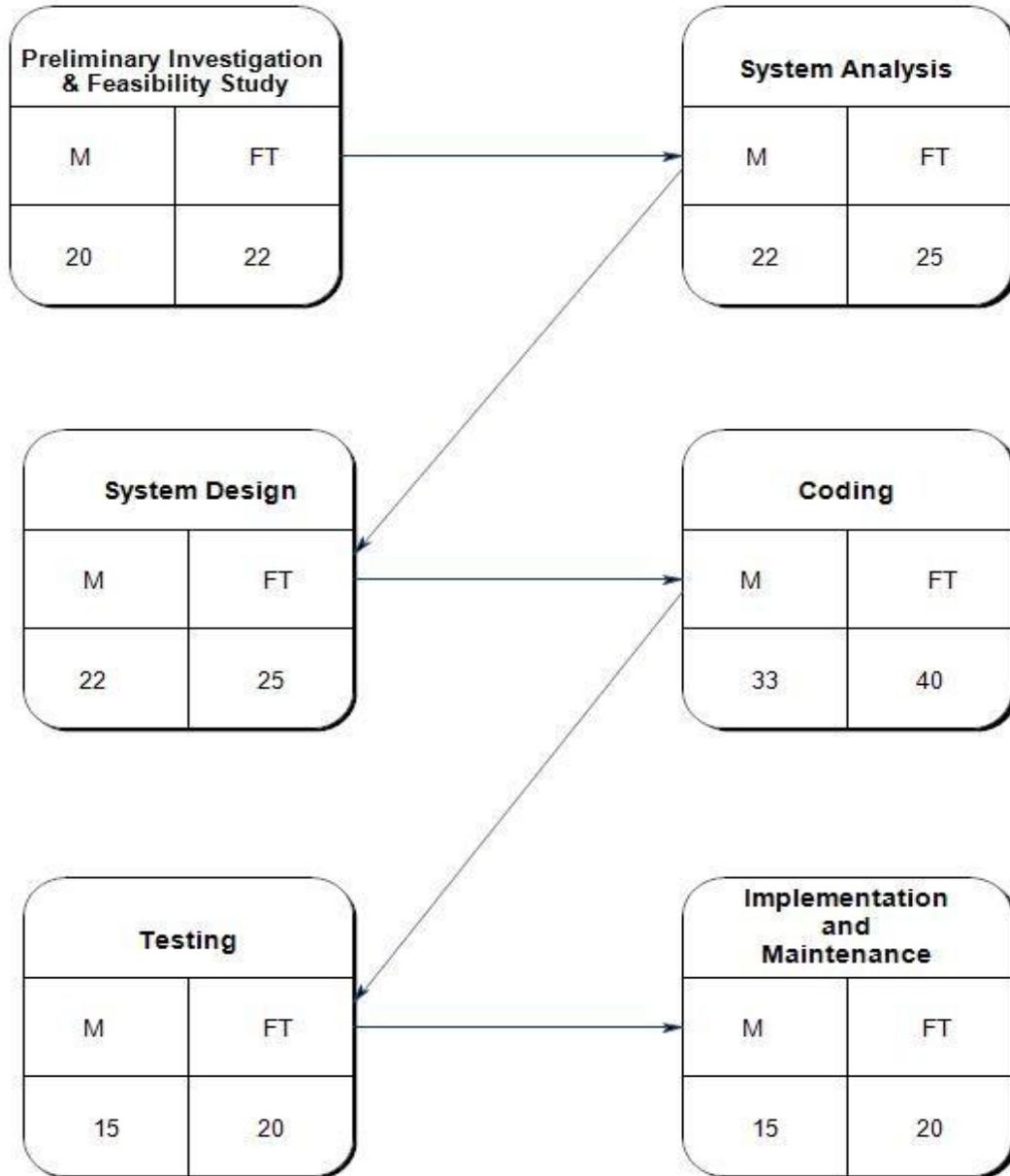
The proposed CMS will go through the following stages of development in its Software Development Life Cycle.



The following PERT chart will show the schedule of the various stages of CMS.

5.3.1

PERT Chart



M (Most likely time) is the best estimate of the time in days required to accomplish a task, assuming everything proceeds as normal. FT (Finishing Time) is the actual finishing time in days.



## 6. Scope of the Solution

In view of handling the different management levels at CMS, following are the scope of the solutions:

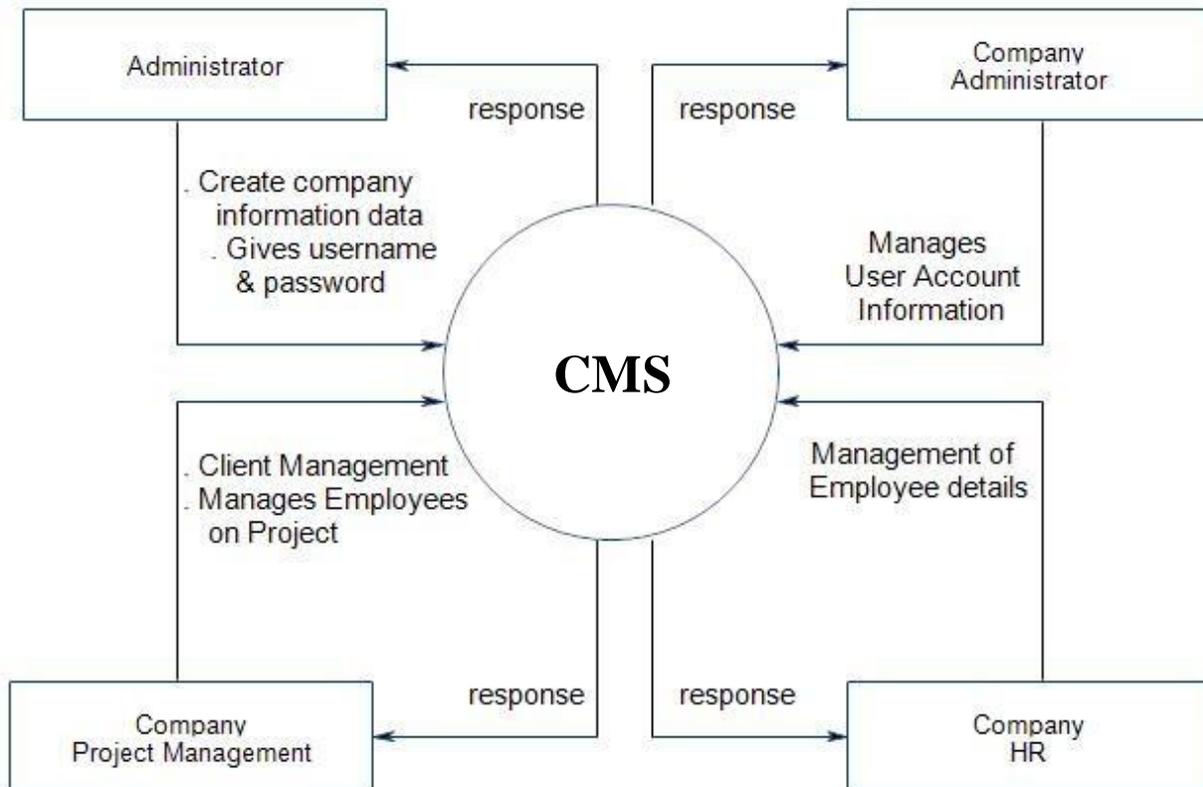
- The Company can maintain the records of its employee and the assesment of its projects done.
- The Company's HR management can easily link up with the employees.
- The Company's administrator can easily manage the roles of the employees.
- The Project managers can easily assign new projects to its employees and maintain their record with the projects.
- Clients can be managed by the Project managers easily by giving easy chat with their coordinator in respect with their project completion.
- Client also set his/her event list and company's employ can also add events.



## 7. Analysis (DFD and ER Diagram)

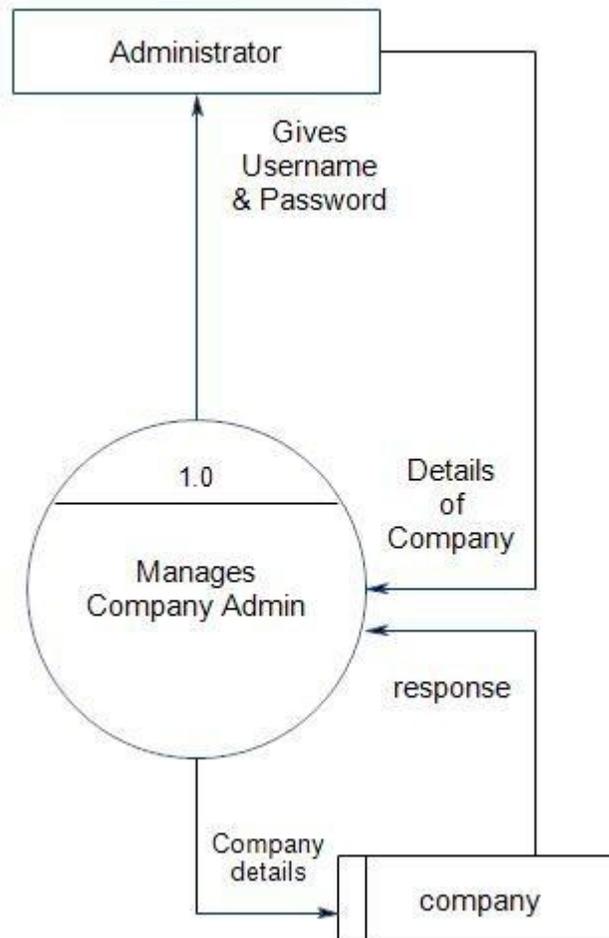
### 7.1 Data Flow Diagrams

#### 7.1.1 Context Level DFD

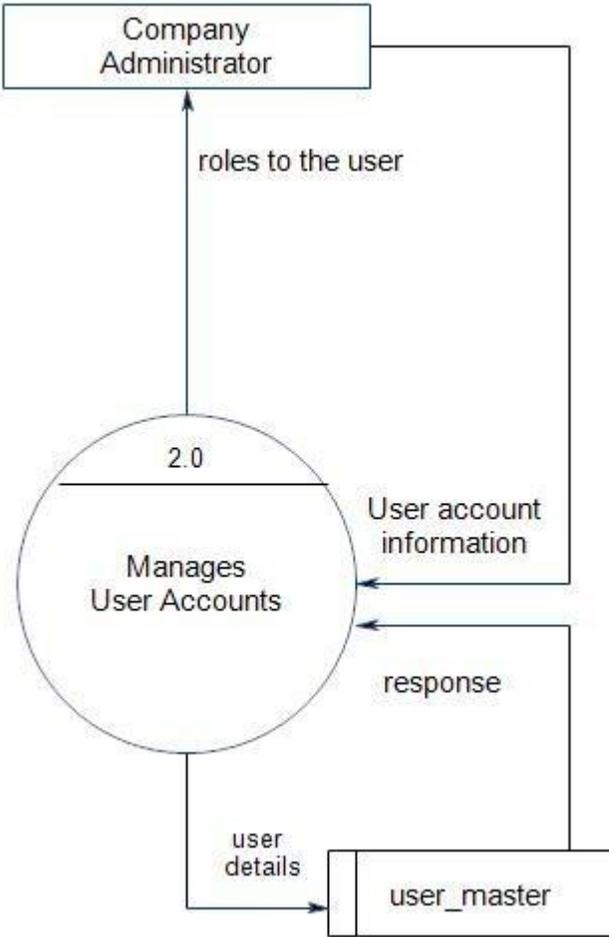


## 7.1.2 Level 1 DFD

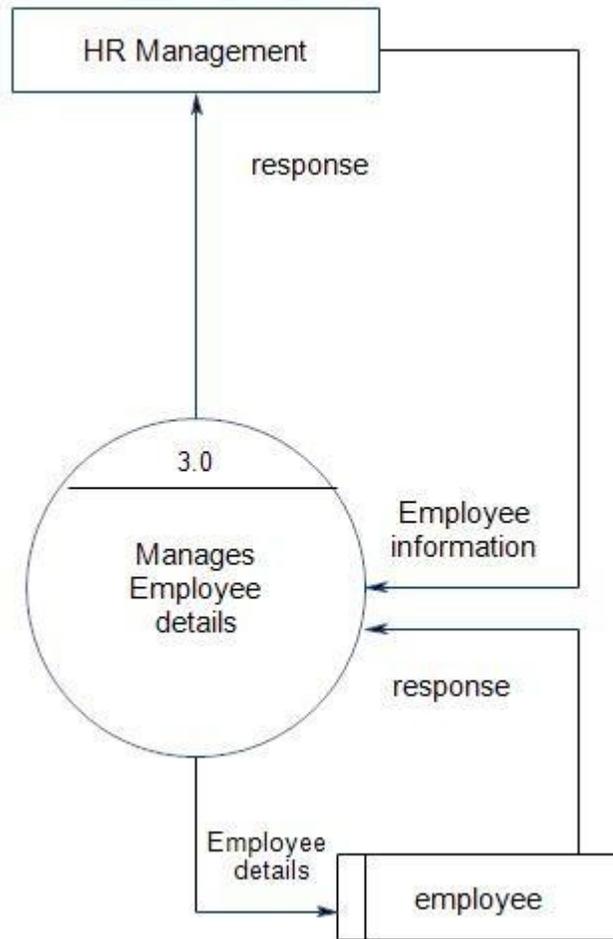
### Administrator Module Level 1 DFD



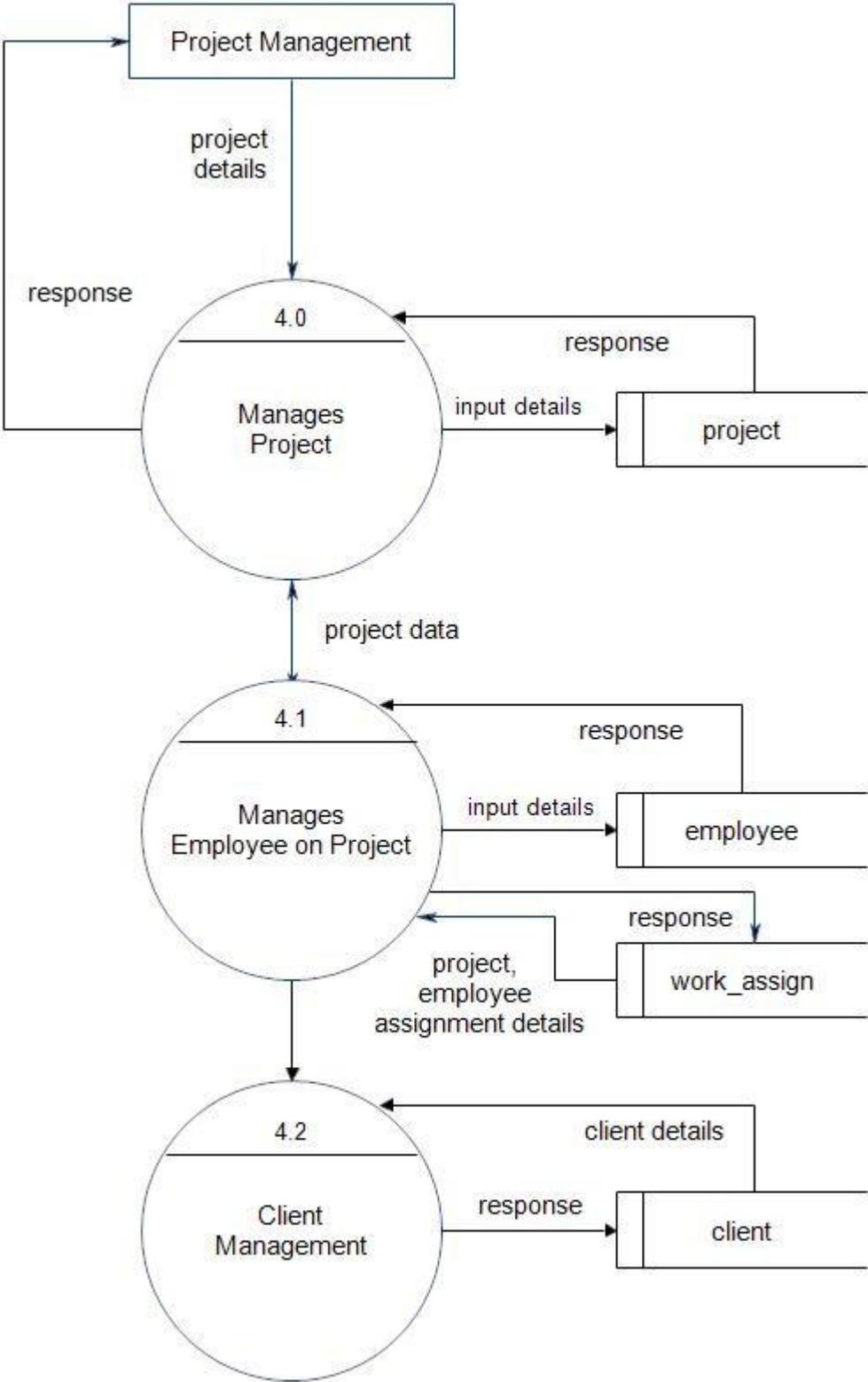
### User Management Module Level – 1 DFD



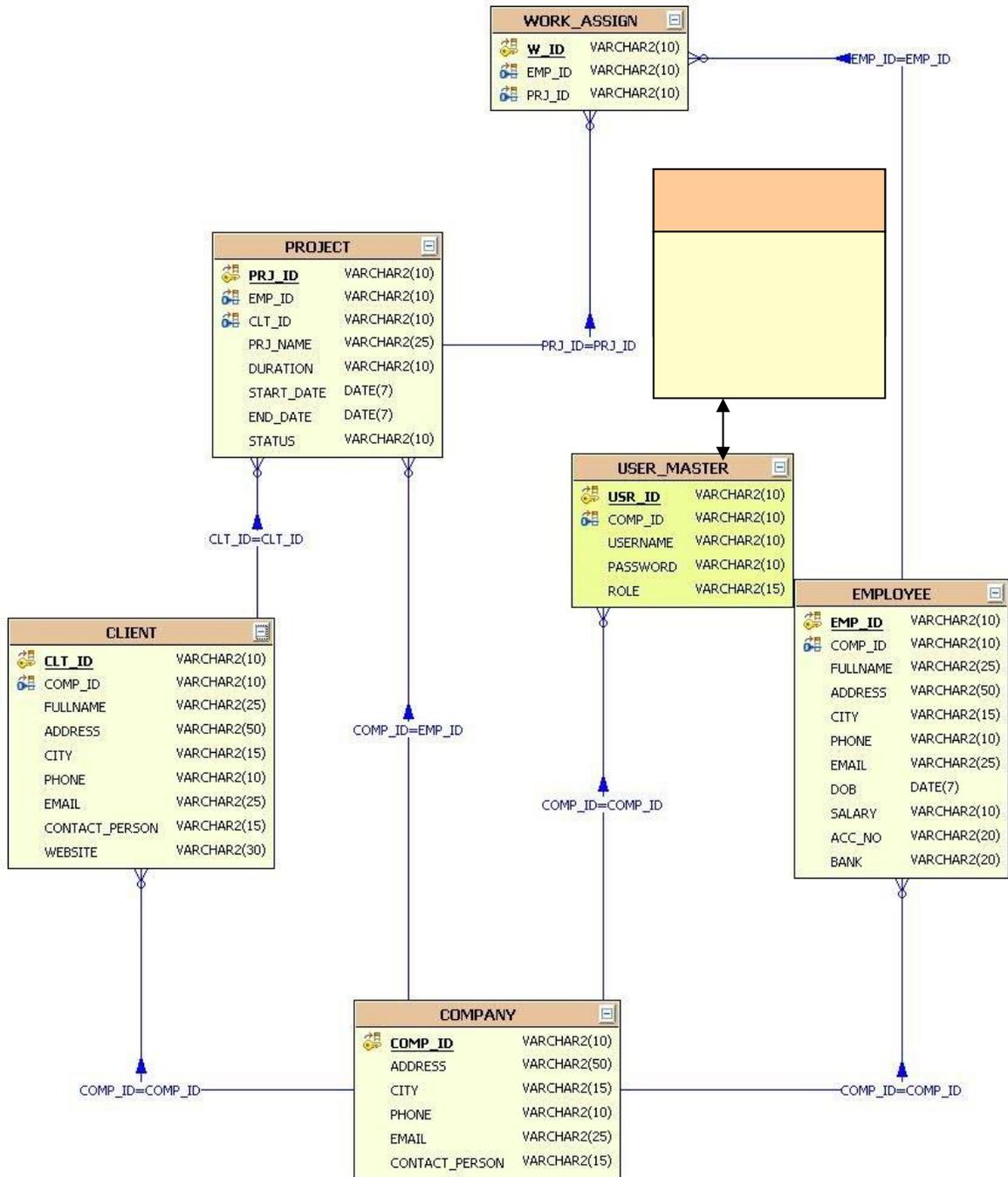
### Employee Management Module Level – 1 DFD



**Project Management Module Level – 1 DFD**



## 7.2 ER Diagram



## 8. Complete Structure of the Project

### 8.1 Modules and their description

CMS comprises of five modules. Brief description of each and every module is given below:

- (i) **Administrator Module:** This module will be responsible for creation of the new company and giving username and password to the company to access the CMS and use the services of CMS.
  - (ii) **User Management Module:** This module will be responsible for maintaining the users who will use the CMS according to their roles. This module gives username and password to the different users according to their role so that they can access CMS according to their level.
  - (iii) **Employee Management Module:** This module will be responsible for maintaining the employee record along with their salary, bank account, leave so that easy deployment of employees can be possible.
  - (iv) **Project Management Module:** This module will be responsible for handling the different clients, taking new projects from clients. The module is solely responsible for assigning new projects to the employee and balancing the load factor between the employees.
  - (v) **Event Management Module:** This module will be responsible for handling Event list of clients and organization.
-

## 8.2 Data Structures

The CMS database consists of 7 tables. Each and every table is setup with the proper Integrity constraints to work properly. The structure of the database tables is given below:

- (i) **user\_master:** Stores the details of users along with their roles.

Field Name	Field Type	Constraints	Description
user_id	varchar2(10)	primary key	Stores the unique id for users
comp_id	varchar2(10)	foreign key	stores the company id of the user
username	varchar2(10)		stores the username of the user.
password	varchar2(10)		stores the password in md5 hash encryption
role	varchar2(15)		stores the role of the user.

- (ii) **comapny:** Stores the details of the different companies enrolled.

Field Name	Field Type	Constraints	Description
comp_id	varchar2(10)	Primary key	Stores the unique company id.
company_name	varchar2(25)		Stores the name of the company
address	varchar2(50)		Stores the address of the company
city	varchar2(15)		Stores the city of the company
phone	varchar2(10)		Stores the phone numbers of the company
email	varchar2(25)		Stores the email id of the company
contact_person	varchar2(15)		Stores the contact person name

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**i) employee:** Stores the details of the employees of the company.

Field Name	Field Type	Constraints	Description
Emp_id	varchar2(10)	Primary key	Stores the unique employee id
Comp_id	varchar2(10)	Foreign key	Uses the company id for the emp.
Fullname	varchar2(10)		Stores fullname of the employee
Address	varchar2(10)		Stores address fo the employee
City	varchar2(10)		Stores city of the employee
Phone	varchar2(10)		Stores phone number of the emp
Email	varchar2(10)		Stores email of the employee
Dob	varchar2(10)		Stores the date of birth of employee
Salary	varchar2(10)		Stores the salary of the emp
Acc_no	varchar2(10)		Stores the account no
bank	varchar2(10)		Stores the bank name

**client:** Stores the Client information of the company.

Field Name	Field Type	Constraints	Description
clt_id	varchar2(10)	Primary key	Stores the unique client id
comp_id	varchar2(10)	Foreign key	Stores the company id of particular client
fullname	varchar2(10)		Store the fullname of client
address	varchar2(10)		Stores the address of the client
city	varchar2(10)		Stores the city of the client
phone	varchar2(10)		Stores the phone number of the client
email	varchar2(10)		Stores the email id of the client
website	varchar2(10)		Stores the website address of the client
contact_person	varchar2(10)		Stores the contact person of the client

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(v) **project:** Stores the information about incoming project to the company.

Field Name	Field Type	Constraints	Description
prj_id	varchar2(10)	Primary key	Stores the unique project id
comp_id	varchar2(10)	Foreign key	Stores the company id
clt_id	varchar2(10)	Foreign key	Stores the client id
prj_name	varchar2(25)		Stores the project name
duration	varchar2(10)		Stores the duration of the project
start_date	date(8)		Stores the beginning date of the project
end_date	date(8)		Stores the end date of the project
status	varchar2(10)		Stores the status of the project

(vi) **work\_assign:** Stores information about different project assigned to the employee with their project id.

Field Name	Field Type	Constraints	Description
W_id	Varchar2(10)	Primary key	Stores the corresponding work id
Emp_id	Varchar2(10)	Foreign key	Stores the employee id
Prj_id	Varchar2(10)	Foreign key	Stores the project id

(vii) **Event Management:** Stores information about different Events assigned by the employee and client with their employee id.

Field Name	Field Type	Constraints	Description
Event_id	Varchar2(10)	Primary key	Stores the corresponding event id
Emp_id	Varchar2(10)	Foreign key	Stores the employee id
Event_date	Date		Stores events date
Event_details	Varchar2(255)		Store Events Detail

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## 8.3 Process Logic Modules

- **Administrator Module**

Step 1	:	Administrator log in to the system using common interface.
Step 2	:	Administrator presented with the following menus: <b>1. Create Company</b> Here company details will be filled by the administrator which is going to be registered in CMS. Username and Password will be mailed to the company so that the company can use the services of CMS. Along with creating a company administrator can bound a company to use CMS upto the certain period of time for which the company has been registered.
Step 3	:	<b>2. Change Password</b> Through this menu administrator can change the password of the company, in case of company forgotten its password.
Step 4	:	<b>3. View Reports</b> <ul style="list-style-type: none"><li>• Resources Usage</li><li>• Status</li></ul> With view reports administrator can view the reports against the company resource usages and status of the company about licence period, number of employees, number of clients the company having, etc.

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- **User Management Module**

Step 1	:	Now the company's administrator will log in to the CMS with the username and password given.
Step 2	:	Since there are different types of employees who will use the CMS therefore, a role has been defined by the company's administrator to different employee, so that they can access CMS according to their level.
Step 3	:	After logging in to the company's account, different menu will be displayed out of which user management module has following sub menus: <b>1. User Management</b> <ul style="list-style-type: none"> <li>• Create role</li> <li>• Assign role</li> <li>• Revoke role</li> </ul>
Step 4	:	<b>Create role</b> – will create role by the different names so that administrator can assign these roles to different employee according to their level
Step 5	:	<b>Assign role</b> – will assign role to the employee by the administrator according to their hierarchy wise, so that they can use CMS according to their work.
Step 6	:	<b>Revoke role</b> - by this administrator can revoke the role from the employee so that he/she cannot use the CMS.

- **Employee Management Module**

Step 1	:	Employee of HR Management will login to the CMS to manage employees of the company.
Step 2	:	Different menus will be displayed to do the work. <b>1. Add Employee Details</b> <b>2. Edit Employee Details</b> <b>3. Employee Attendance.</b>
Step 3	:	Add employee – through this menu HR employee will add the employee details of the company.
Step 4	:	Edit employee – All the changes occurred in employee record will be recorded through edit employee menu.
Step 5	:	Employee attendance – Employee attendance will be managed from here.

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- Project Management Module

Step 1	:	After logging in to the CMS, Project manager have a number of menus to manage the projects handled by the employee and the clients which are newly added. Project manager will assign new projects to the employee related to their clients.
Step 2	:	Following are the menus for Project manager. <b>1. Client management.</b> <b>2. Assign project to employee</b> <b>3. Status of the project</b> <b>4. Search employee</b>
Step 3	:	Client management option is used to add new clients their project details and the duration of their project.
Step 4	:	Assign project window is used to assign new projects given to the company by the clients to complete.
Step 5	:	Status will show off the status of the project to the corresponding employee. Managers of the project can give instruction to their colleagues which are working on the project.
Step 6	:	Search employee will search the employee for different means. <ul style="list-style-type: none"> <li>• By department wise</li> <li>• By manager wise</li> <li>• By name</li> <li>• By project</li> </ul>
Step 7	:	Different sub menus are given from which the employee can be searched.

- Event Management Module

Step 1	:	After logging in to the CMS, Client or Employee will be able to add their events date on desire date.
Step 2	:	They can edit / delete and reset events



## 8.4 Implementation Methodology

CMS is online web based system since it is connected through the internet all time one can easily access the CMS from anywhere. This is the flexibility that stands CMS in the top order from others.

The installation of CMS is three tier architecture means users can browse CMS from their system without installing any of the software, only user should have Internet Explorer to their systems. The middle tier consists of the Apache Web Server which routes the request of the user to the database. The Apache Web Server is being connected to the database by the internet through a dedicated leased line having a dedicated IP address and a suitable domain name. The Operating System installed on the middle tier can be Windows 2000 or higher. For providing the dynamic retrieval of pages PHP should also be installed on the server.

Once the middle tier is being setup the last tier i.e. database tier consist of MySQL server. All the queries which is being routed to the middle tier will be passed to the database tier for the retrieval of the data from the database.

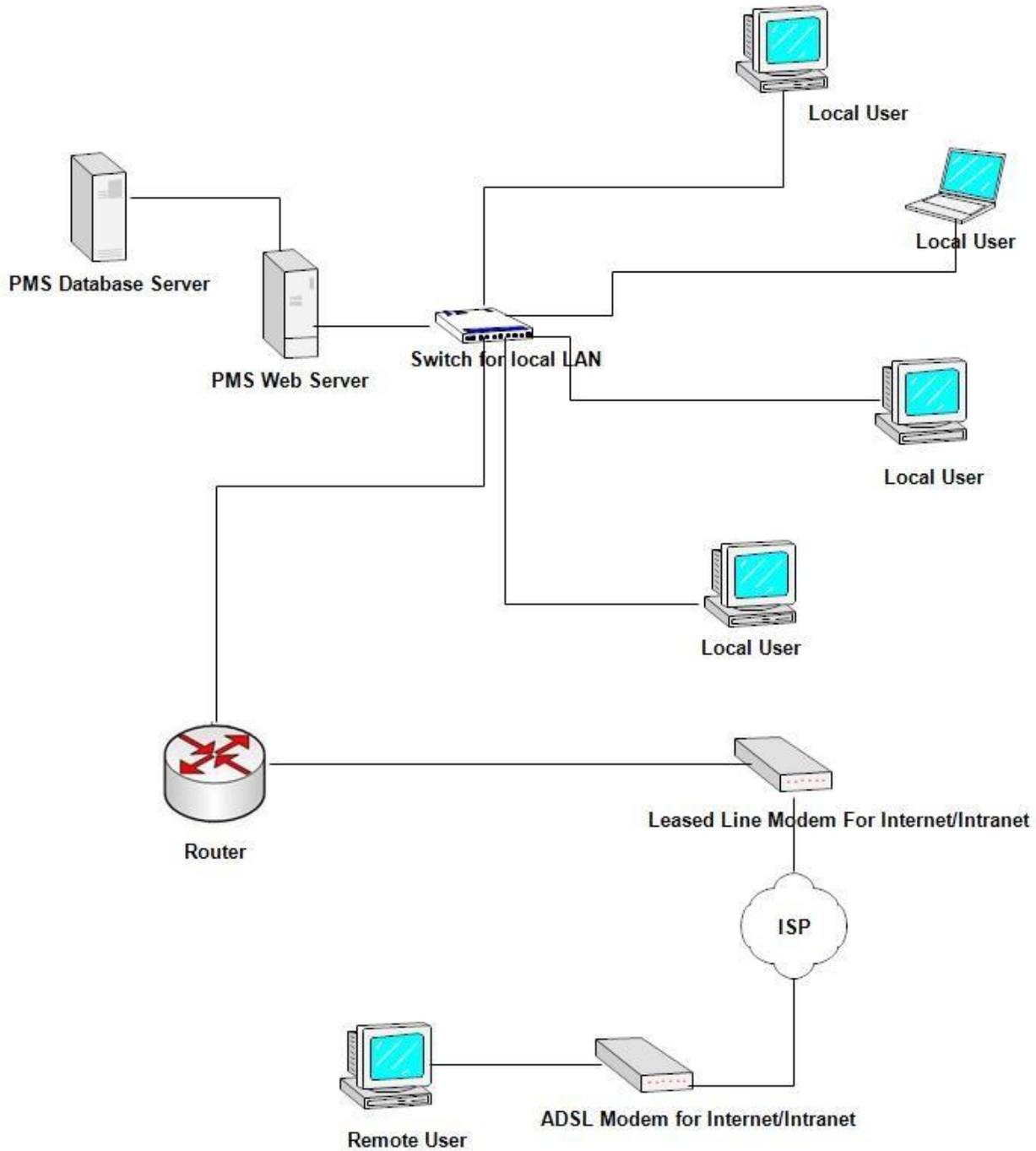
Since all tiers have been setup properly, now the user can access CMS through their system by typing the URL address of the CMS site and can use the services of the CMS.

## 8.5 List of Reports Likely to be Generated

Following will be the list of reports to be generated from the CMS.

- (i) Daily Project Report.
  - (ii) Ongoing Project Report which are under development.
-

## 9. Overall Network Architecture



## 10. Implementation of Security Mechanism

Security is an important aspect for a system which is online connected with the internet or intranet. CMS is an online system which is connected through its users via internet or intranet. To prevent any mishaps regarding the security and integrity of data, a multilevel security system is proposed to be implemented in CMS.

- (i) The client user is not allowed to enter into the CMS without having proper authorized username and password.
  - (ii) CMS employee staff will only be allowed to enter into the CMS only when proper username and password is being entered.
  - (iii) Various roles is being assigned to the employee, so that if someone get the username and password, without having proper privileges he/she cannot affect the important data of the CMS.
  - (iv) Employee account will only be created by administrator.
  - (v) Report generation is available to monitoring authority only.
  - (vi) Unauthorized employee cannot get the CMS.
  - (vii) The password for employee and clients is in encrypted form by using MD5 checksum.
-

## **11. Future Scope and Further Enhancement of the Project**

Following modules can be added to enhance the features of the CMS.

- Payment module – This module can be added to CMS for maintaining the payment from the clients and payment to the employees.
  - Leave module – This module can be added to the CMS for maintaining the leave and attendance of the employees.
  - Chat module – This module can be added to the CMS for making clients chat with the programmers to modify their projects and tell them about their difficulties.
  - Reminder module – This module can be added to the CMS for giving reminders of the deadline of the projects to the employee or giving deadline to the client for making payment of the proposed project.
  - SMS Module - This module will be added to the CMS for giving reminder using SMS and every type of reminder using sms.
-

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# PROJECT REPORT



**TITLE OF THE PROJECT**

1.

**Company Management System**

2.

**OBJECTIVE OF THE PROJECT**

2.1 Overview

Company Management is an online web based system, which is responsible for handling the management of its clients and employees. In Company Management System a company is being created by the Company Management group and passed it to the client to utilize the services of the Company Management System by its own way. All the management is being done by the members of the company.

Company Management is primarily meant for giving its services to its clients and employees; it gives full freedom to maintain its employees, clients and projects and also maintains payment of its projects. It will automate all its employee status i.e. which employee is assigned to which project what are the daily routines of an employee, its daily report. With CMS we can assign projects to different employee and assign their responsibilities related to project. It will also automate the deadline of an ongoing project and checks its payment for pending or cleared. Beside that it will manages that all its employee has equal work load so that a perfect balance between the work and employee is always there.



## 2.3 Project Objective

There are several main objectives for this project:

- To improve efficiency of managing project.
- To give a well organized platform for managing all its employee & projects.
- To provide up-to-date information about it projects.
- To provide a better utilization of time and money.
- To provide a correct information to the management level which can take proper decision in favour of the organization.

## 3.

### SYSTEM ANALYSIS

#### 3.1 Identification of Need

As per the existing manual process of maintaining the daily transactions of any business firm, there is delay in processing every transaction of the firm and even there are chances that up-to date information may not be delivered to the management, which causes a misguidance to the top-level management. Once a project is taken by the firm than proper assignment of task to the employee and its proper feedback is very important which is a cumbersome activity in a manual process. And many other such details to be handled manually.

Problem with the existing manual system are –

1. Duplicate entries.
  2. Lack of communication between the clients, employee & the management.
  3. Compilation of statistics is a big issue.
  4. Status of the ongoing, followup and freezed projects are difficult to manage.
  5. Managing Payment of project is difficult.
  6. Track of employee's performance is difficult to retrieve.
-

7. No records are managed for the queries. Just a telephonic conversation is required or in case of written queries, there is burden of handling paper work.
8. Checking the over dues of the clients every time, before creating any invoice is very time consuming and over burdened task.

CMS proposes to simplify the procedure within the resources by introducing online implementation. As all the employees, client and management authorities are well connected on internet/intranet all the information will be readily available on a click.

### 3.2 Preliminary Investigation

During preliminary investigation it was found that the following are certain processes related to daily transaction of the business firm:

1. Managers used to maintain the records of project which is in development, freezed or followup phase for reporting purposes to the management, due to which they cannot concentrate on their work, thus wasting time and resources of the firm.
  2. Manual payment system of the clients.
  3. Lack of up-to date information to the top level management.
  4. Due to not proper synchronization of work client always hangs up the employees for their project work, and employee cannot concentrate on their work due to which delay in the project completion work.
  5. Lack or delay in decision making.
-

### 3.3 Feasibility Study

The feasibility of the system is evaluated on the following points:

- **Technical Feasibility**

It includes existing and new software, hardware and networking infrastructure that are required to develop and operate project using PHP and MY SQL Database.

The basic Software and Hardware are readily available on Internet, on which this application is to be developed. So the project is technically feasible in this respect and no such additional cost would be made during development of project.

- **Economic Feasibility**

Organization just need to register their domain name on web and has to pay the hosting fees. They don't have to invest in procuring software which is required to implement the project i.e MYSQL & other software are all registered with GNU license and freely available on web. So in order to handle the system organization requires only 2 persons who capable enough to handle the system. Thus the OVERALL investment is very low for deploying this project and hence economically feasible.

- **Operational Feasibility**

Building an application is different than operating it, therefore you need to determine whether or not you can effectively operate and support it. Issues considered when determining the operational feasibility of a project are:



- o Does management support the project ?
- o Are the employees and clients not happy with the current system?  
Will it reduces the time considerably?
- o Does the employees and clients involved in the planning & development of the project?
- o Will the proposed system really benefit the organization and does the overall response increases?

After questionairing through the employees and clients the above questions have following answers:

- o Management is in support of the project as they will get the information on the go.
- o Employees and Clients will welcome the project as their working hours is going to reduce, as earlier there was a huge loss of working hours only in handling queries only.
- o Employees and Clients are involved in the planning & development of the project as employees and clients interface weredesigned by taking their feedback.
- o The Proposed project will certainly benefit the organization as employees would handle their clients online and clients get the response timely without asking them. Organization will get the clean look of client's project and employees handling them.

### 3.4 Cost and Benefit Analysis

This analysis is done based on the overall investment required in development of the project and the overall benefit gathered from its development.

---

## **Initial Cost Estimate**

A Project Feasibility Cost Estimate is required to determine whether or not to proceed with development of a project initiation document. It is prepared prior to the project initiation process.

Cost includes:-

1. Developer fees.
2. Web domain hosting fees.
3. Computer resource if not already available.
4. Hiring trained workers to handle the system.

Benefits includes:-

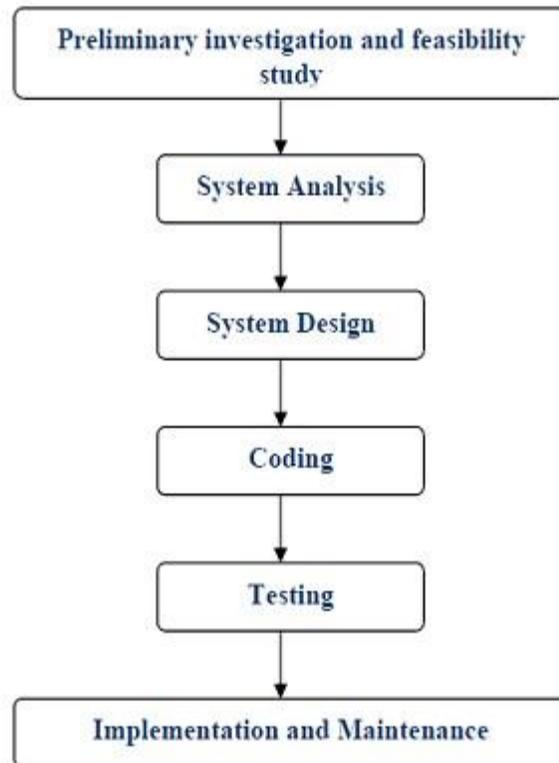
1. Reduce Manpower.
2. Efficient resource Management.
3. Efficient Employee Management.
4. Efficient Client Management.
5. Increase in sales.
6. Intimating the concerned person for the payment reminders, so as to meet the demand on time.
7. Queries can be efficiently handled.
8. Organization nails down each and every activity regarding the development of project and the payment of the clients.

And many such other benefits are available in respect to the mentioned cost with a little amendment in cost (if required). Thus benefit overwhelms the overall cost on this project. So it is beneficial to adopt the project.

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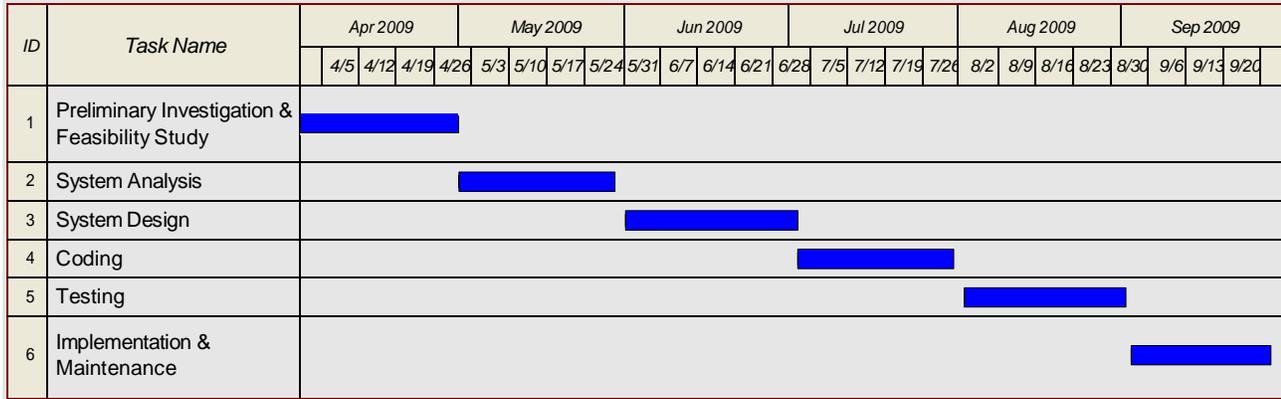
### 3.5 Project Planning and Scheduling

The CMS has gone through the following stages of development in its Software Development Life Cycle.



The following GANTT and PERT chart is showing the schedule of various stages of Project Management System.

### 3.5.1 GANTT CHART



S.No	Task	Work Hour
1	Preliminary Investigation & Feasibility Study	160
2	System Analysis	176
3	System Design	176
4	Coding	264
5	Testing	120
6	Implementation & Maintenance	120

S.No	Task	Start Date	End Date	Duration
1	Preliminary Investigation & Feasibility Study	01-Apr-09	30-Apr-09	20 Days
2	System Analysis	01-May-09	29-May-09	22 Days
3	System Design	01-June-09	30-June-09	22 Days
4	Coding	01-Jul-09	15-Aug-09	33 Days
5	Testing	16-Aug-09	08-Sep-09	15 Days
6	Implementation & Maintenance	09-Sep-09	28-Sep-09	15 Days

### 3.5.2 PERT CHART

0	20	20
Preliminary Investigation & Feasibility Study		
	0	20

20	22	42
System Analysis		
20	0	42

64	33	97
Coding		
64	0	97

97	15	112
Testing		
97	0	112

112	15	127
Implementation & Maintenance		
112	0	127

Early Start	Duration	Early Finish
Task Name		
Late Start	Slack	Late Finish

( 1 ) Since there are no overlapping activities in this case, the critical path is same as the path shown above. Also there is zero slack time due to this reason.

( 2 ) OT=Optimistic Time MT=Most Likely Time PT=Pessimistic Time ET=Expected Time.  
 $ET = ( \text{Optimistic time} + 4 \times \text{Most likely time} + \text{Pessimistic time} ) / 6$

### 3.6 Software Requirement Specifications (SRS)

The goal of this phase is to understand the exact requirements of the system and to document them properly. This activity is usually done to document all functions, performance and interfacing requirements for the **software designing and management**.

1. Introduction
    - 1.1 Purpose
    - 1.2 Scope
  
  2. Overall Description
    - 2.1 Product Description
    - 2.2 Functional Requirement
    - 2.3 Non Functional Requirement
  
  3. Requirement Specification
    - 3.1 Hardware Requirement
    - 3.2 Software Requirement
  
  4. Analysis (DFD & ER Diagrams)
    - 4.1 Data Flow Diagram
    - 4.2 E-R Diagram
-

## 1. Introduction

### 1.1 Purpose

- Providing the accurate information to the organization regarding its clients and employee and their projects on which they are working.
- Properly bifurcation of jobs to the employee so that work load must be balanced between the employees.
- Reports generation helpful in decision-making purposes.
- Provides online availability of employee work to the project.
- Clients can give feedback regarding to their work.
- Proper handling of payments regarding to the client's project.
- Provides an online query to the clients.
- Handling of employee and client performance is very easy.
- Events can be managed in more interactive way.

### 1.2 Scope

- Easy to administer employees, client and manager by the Organization Head.
  - Provide a GUI based application to add, edit, view, deletes information.
  - Password protection to all the users & administrators for their account.
  - Workload will be distributed in a much more efficient manner.
  - Clients can get response in a proper way.
  - Managers can easily assign new projects to the employees and can see their performance on the site.
  - Different Levels of Report generation according to the roles.
  - Clients can view their payment online; they don't have to wait for the managers to give details.
  - Clients can see progress on their projects and respond to the developers or manager by the help of queries
-

## 2. Overall Description

### 2.1 Product Description

CMS is primarily meant for the management of an organizational need in view of their Projects handled by the employees. It will automate the various needs regarding a proper view of the organization, which helps in proper decision making for an organization. During this it not only helps the organization, but also helps the employees and clients in their work by easily communicating with each other, get on the problems early, which causes delays in making the projects. Managers can easily assign the work to their subordinates and can take performance reviews also. Report generation in terms of payment made by the clients, status of the project, employee details its performance and its nature of work can be easily done by the PMS.

### 2.1 Function Requirements

CMS replaces the existing system for the newer modules, which helps in maintaining the integrity and consistency between the modules. Thus keeping in mind a careful study of the requirements of the end user revealed the following specific functional requirements:

**Administrator** – Administrator will be able to login to the system and decides whether to view reports, add new employees, add new clients, generate the payment report, project completion report, employee detail report or client report. The administrator can post queries to the clients and employee regarding to the different projects handled by them.

**Managers** – Managers can assign new projects to the employee and can report of the project handled by the employee. They are authorized to make

---

entry of payment of the clients. They can also add new task for the employees regarding the project. Managers can view their details and have rights to update their details but only limited areas.

**Employees** – Employees can also view and update the limited area of their details. They can view the task and assign task to themselves, even they can reply back to the manager for the queries that has been posted by the them and can reply back as a text or can upload the file of the queries answer. They can also make reply to the client queries regarding their project.

**Clients** – Clients can view their project status and can communicate with the developers regarding their project queries. They can see the status of their ongoing project how many task have been completed and can query with the developers. They can see the payment also which they have paid to the organization and can take printout of the payment.

## 2.4 Non – Functional Requirements

i.) **Security:** This project is implemented keeping in mind the security issues regarding accessibility of information or some restricted area. And thus requires sessions to protect them. And in turn requires another login to the system using web interface. Hence 2-way security is implemented. Hence this application is totally secure.

ii) **Reliability:** Data access permissions are granted only to the authorized person and database is password protected. Hence no chance of any mishandling of data can be done by the end users. Thus output of this system will be reliable.

---

**iii) Maintainability:** There is no issue regarding maintenance of the system. It can be easily implemented. It just required well-trained technical person to handle this project.

**iv) Portability:** This is an online system. So it requires a space to be deployed on any computer users like. Thus it can be easily ported anywhere.

**v) Extensibility:** This project is based on prototype model keeping in mind the user requirement can change as the size of an enterprise grows up. Thus it is developed in such a manner, that new modules can be easily added to this project.

### 3. Requirement Specifications

#### 3.1 Hardware Requirement

CMS is proposed to be installed on a web server having the following minimum hardware requirements:

- Intel® Dual Xeon® 5000 series Dual Core Processor having clock speed 2.33 GHz or more
  - 2 GB DDR-2 RAM
  - 2 x RAID-1 SATA-2 Hard Disk Drives having capacity of 250 GB each
  - At least 50 GB free space for the installation of My SQL, PHP, Apache, Dreamweaver, Edit Plus and Adobe Photoshop.
  - DVD Writer and Tape Drives for backup purposes
  - Leased line internet or Intranet connection to the server with a bandwidth of at least 2 Mbps
  - Other Peripherals is as per requirements
-

On the client side, at least a Pentium-IV personal computer with 256 Kbps Internet/Intranet access facility is recommended.

### 3.2 Software Requirements

On the server side CMS will require the following software platform:

- MySQL Database Management System
- PHP
- Apache Web Server
- Windows 2003 server Enterprise Edition

On the client side the sole requirement is any html compatible browser with support of Flash Player e.g. Microsoft Internet Explorer, Opera, Firefox etc.

## 4. Analysis ( DFD and ER Diagram )

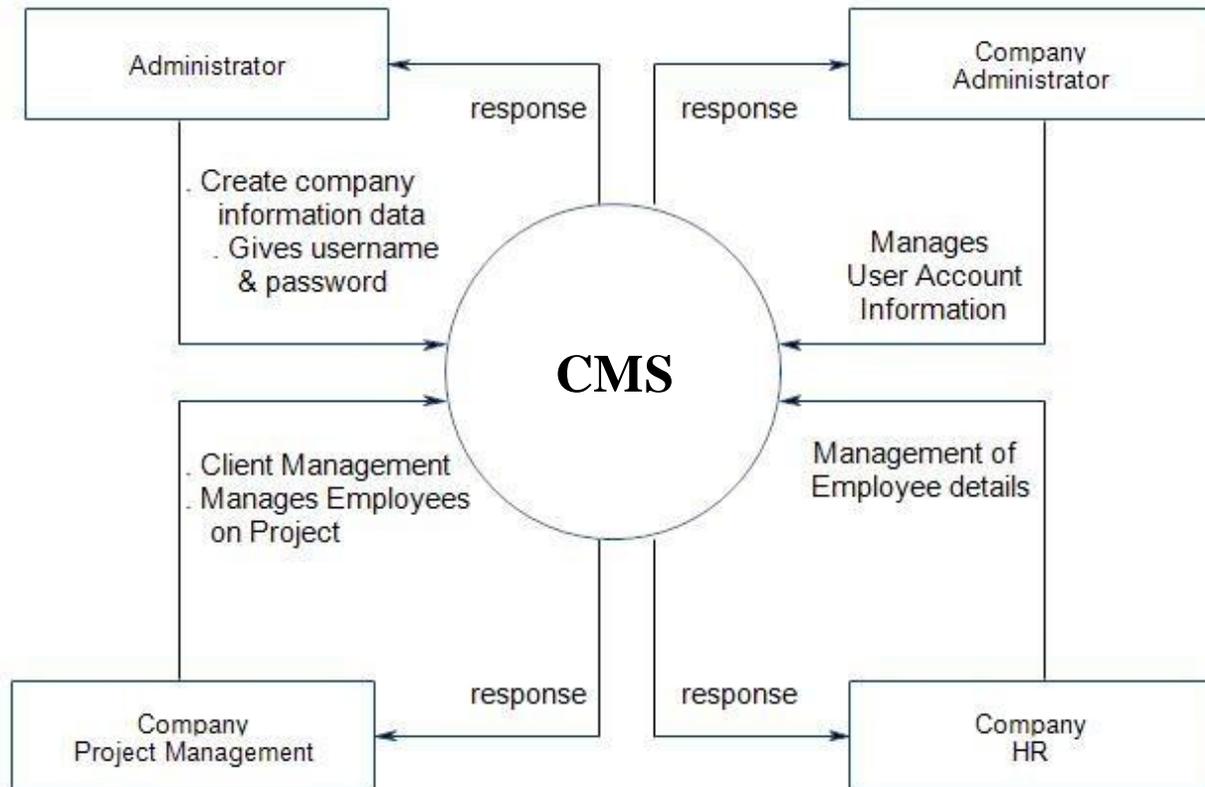
### 3.7 Software Engineering Paradigm

For this project, the **prototype model** is suitable, where the business requirement has been gathered earlier only, based on which designing is to be done.

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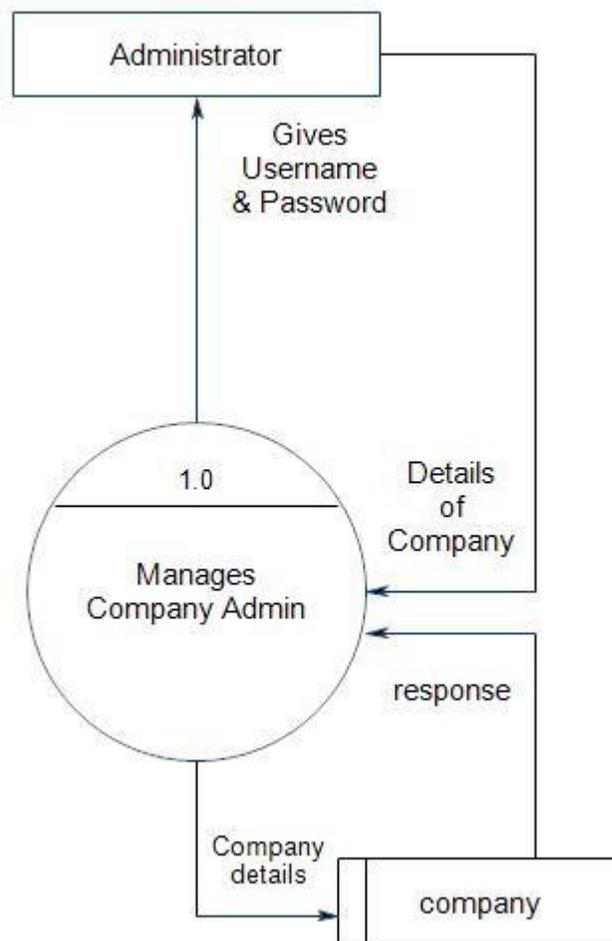
### 3.8 Conceptual Model

#### 3.8.1.1 Context Level DFD:

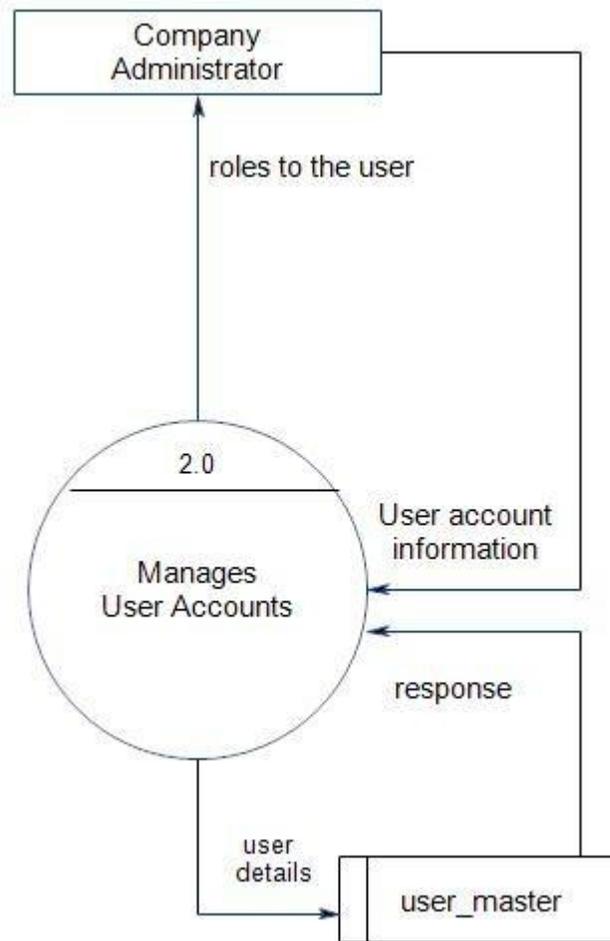


### 3.8.1.2 Level 1 DFD

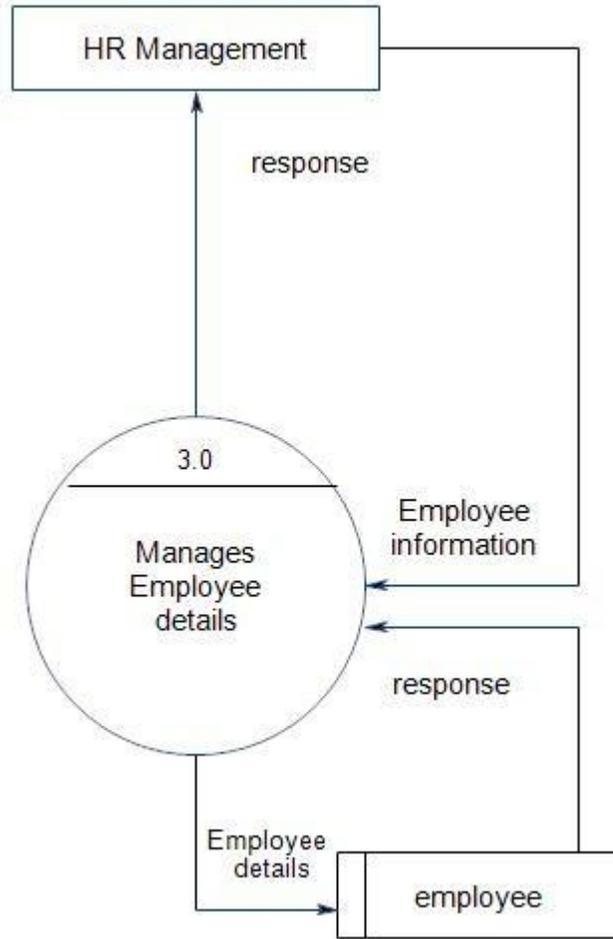
#### One level DFD for Administrator Module: -



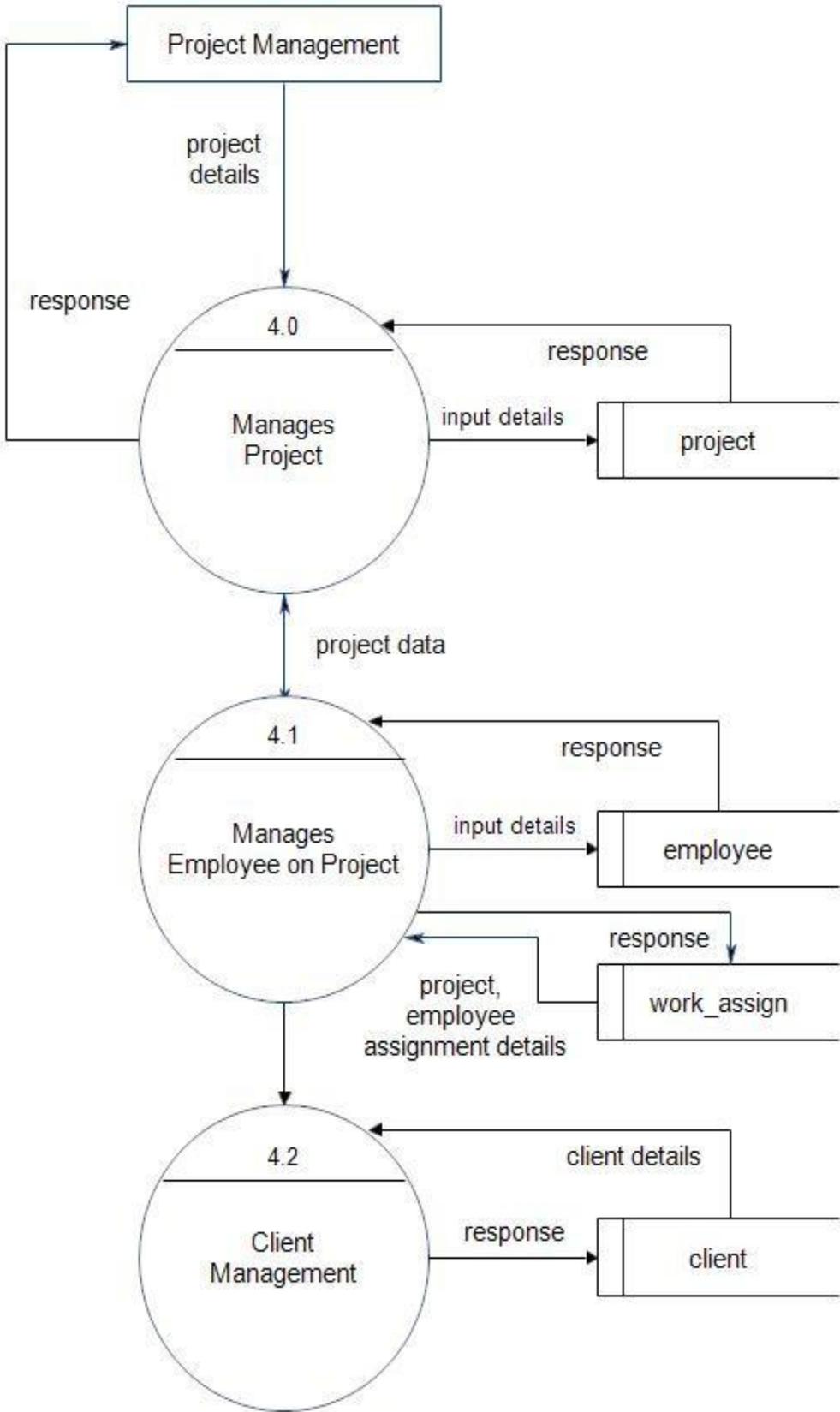
User Management Module Level – 1 DFD:-



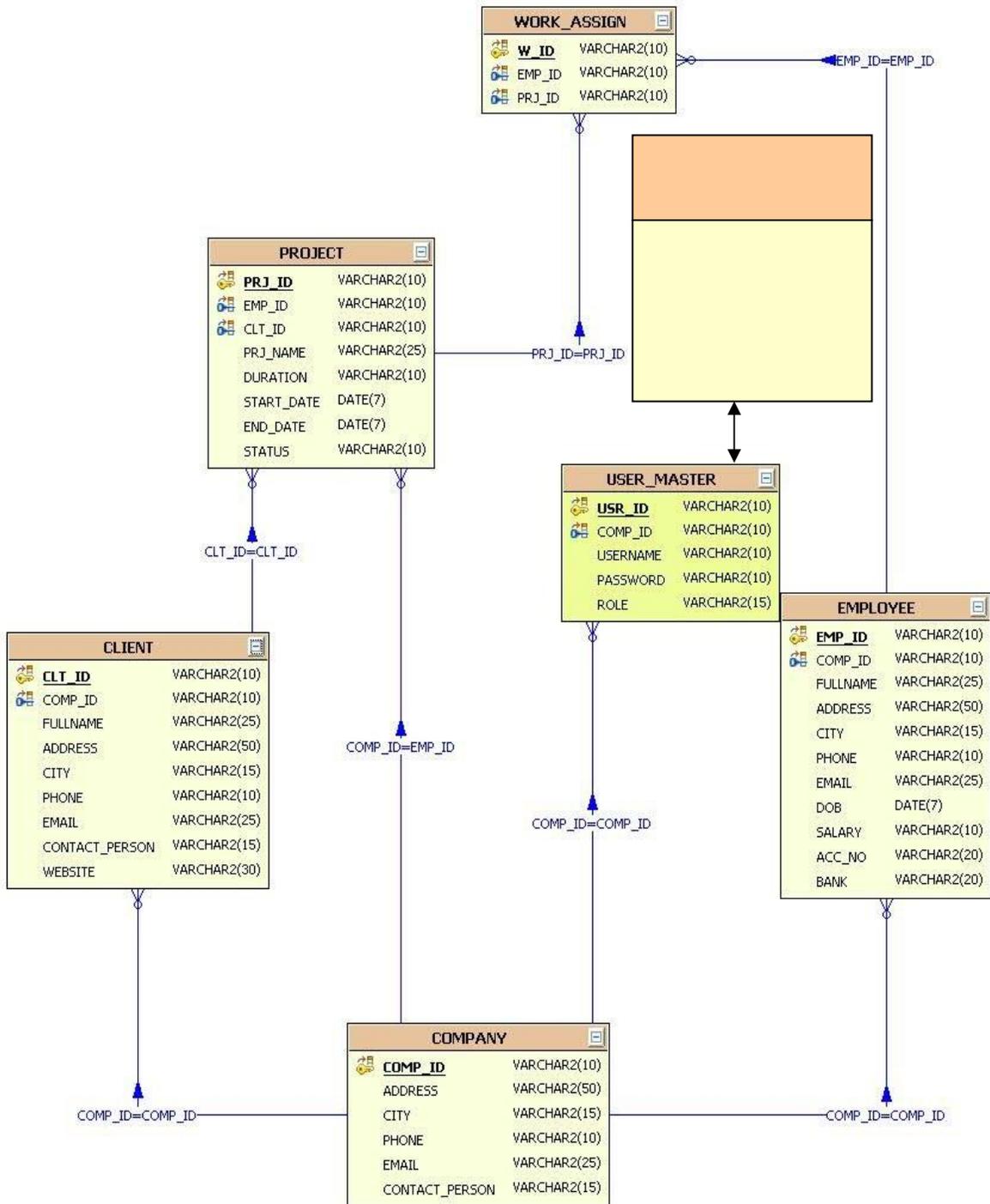
Employee Management Module Level – UDFD



Project Management Module Level – 1 DFD:-



### 3.8.2 ER Diagram



## 4. System Design

### 4.1 Module Description

CMS comprises of five modules. Brief description of each and every module is given below:

- (vi) **Administrator Module:** This module will be responsible for creation of the new company and giving username and password to the company to access the CMS and use the services of CMS.
- (vii) **User Management Module:** This module will be responsible for maintaining the users who will use the CMS according to their roles. This module gives username and password to the different users according to their role so that they can access CMS according to their level.
- (viii) **Employee Management Module:** This module will be responsible for maintaining the employee record along with their salary, bank account, leave so that easy deployment of employees can be possible.
- (ix) **Project Management Module:** This module will be responsible for handling the different clients, taking new projects from clients. The module is solely responsible for assigning new projects to the employee and balancing the load factor between the employees.

## 4.2 Database Design

The PMS database consists of 8 tables. Each and every table is setup with the proper Integrity constraints to work properly. The structure of the database tables is given below:

(iii) **user\_master:** Stores the details of users along with their roles.

Field Name	Field Type	Constraints	Description
emp_id	varchar2(10)	primary key	Stores the unique id for users
comp_id	varchar2(10)	foreign key	stores the company id of the user
username	varchar2(10)		stores the username of the user.
password	varchar2(10)		stores the password in md5 hash encryption
role	varchar2(15)		stores the role of the user.

(iv) **company:** Stores the details of the different companies enrolled.

Field Name	Field Type	Constraints	Description
comp_id	varchar2(10)	Primary key	Stores the unique company id.
company_name	varchar2(25)		Stores the name of the company
address	varchar2(50)		Stores the address of the company
city	varchar2(15)		Stores the city of the company
phone	varchar2(10)		Stores the phone numbers of the company
email	varchar2(25)		Stores the email id of the company
contact_person	varchar2(15)		Stores the contact person name
username	varchar2(10)		Stores username
password	varchar2(10)		Stores password
url	varchar2(10)		Stores the url of the company

---

**iii) employee:** Stores the details of the employees of the company.

Field Name	Field Type	Constraints	Description
Emp_id	varchar2(10)	Primary key	Stores the unique employee id
Comp_id	varchar2(10)	Foreign key	Uses the company id for the emp.
Fullname	varchar2(10)		Stores fullname of the employee
Address	varchar2(10)		Stores address fo the employee
City	varchar2(10)		Stores city of the employee
Phone	varchar2(10)		Stores phone number of the emp
Email	varchar2(10)		Stores email of the employee
Dob	varchar2(10)		Stores the date of birth of employee
Salary	varchar2(10)		Stores the salary of the emp
Acc_no	varchar2(10)		Stores the account no
bank	varchar2(10)		Stores the bank name

**(iv) client:** Stores the Client information of the company.

Field Name	Field Type	Constraints	Description
clt_id	varchar2(10)	Primary key	Stores the unique client id
comp_id	varchar2(10)	Foreign key	Stores the company id of particular client
fullname	varchar2(10)		Store the fullname of client
address	varchar2(10)		Stores the address of the client
city	varchar2(10)		Stores the city of the client
phone	varchar2(10)		Stores the phone number of the client
email	varchar2(10)		Stores the email id of the client
website	varchar2(10)		Stores the website address of the client
contact_person	varchar2(10)		Stores the contact person of the client
username	varchar2(10)		Stores username
password	varchar2(10)		Stores password

(viii) **project:** Stores the information about incoming project to the company.

<b>Field Name</b>	<b>Field Type</b>	<b>Constraints</b>	<b>Description</b>
prj_id	varchar2(10)	Primary key	Stores the unique project id
comp_id	varchar2(10)	Foreign key	Stores the company id
clt_id	varchar2(10)	Foreign key	Stores the client id
prj_name	varchar2(25)		Stores the project name
duration	varchar2(10)		Stores the duration of the project
start_date	date(8)		Stores the beginning date of the project
end_date	date(8)		Stores the end date of the project
status	varchar2(10)		Stores the status of the project
freezed_on	date(8)		Stores the date of freezed project
budget	varchar2(10)		Stores the budget of the client
currency	varchar2(10)		Stores type in which amount to be paid
final_amount	varchar2(10)		Stores the final amount
follow_by	varchar2(50)		Stores the name of the manager
developers	varchar2(50)		Stores the developers name
url_development	varchar2(50)		Stores the development url
url_final	varchar2(10)		Stores the final url
priority	varchar2(10)		Stores the priority of the project

(ix) **work\_assign:** Stores information about different project assigned to the employee with their project id.

Field Name	Field Type	Constraints	Description
wrk_id	varchar2(10)	Primary key	Stores the corresponding work id
emp_id	varchar2(10)		Stores the employee id
prj_id	varchar2(10)		Stores the project id
task_id	varchar2(10)		Stores the task id
clt_id	varchar2(10)		Stores the client id
status	varchar2(10)		Stores the status of the project

(x) **queries:** Stores information of different queries made by client and administrator to the employee.

Field Name	Field Type	Constraints	Description
query_id	varchar2(10)	Primary key	Stores the query id
prj_id	varchar2(10)		Stores the project id
clt_id	varchar2(10)		Stores the client id
query_title	varchar2(10)		Stores the query title
query_text	varchar2(10)		Stores the query text
query_posted_on	date()		Stores the date of query posted
query_posted_by	varchar2(10)		Stores the name
query_accepted_by	varchar2(10)		Stores the name who accepted qry
query_accepted_on	date()		Stores the date of acceptance
query_completed_on	date()		Stores the date of completion
file1_name_org	varchar2(100)		Stores the original file name
file1_name_saved	varchar2(100)		Stores the changed file name
file1_url	varchar2(50)		Stores the url of the site
query_reply	varchar2(100)		Stores the reply of query

(xi) **payment\_details:** Stores the details of payment of client's project

Field Name	Field Type	Constraints	Description
payment_id	varchar2(10)	Primary key	Stores the payment id
prj_id	varchar2(10)		Stores the project id
amount	varchar2(10)		Stores the amount paid
payment_type	varchar2(10)		Stores the payment type
remarks	varchar2(50)		Stores the remarks made
date	date		Stores the date of payment

(xii) **Event Management:** Stores information about different Events assigned by the employee and client with their employee id.

Field Name	Field Type	Constraints	Description
Event_id	Varchar2(10)	Primary key	Stores the corresponding event id
Emp_id	Varchar2(10)	Foreign key	Stores the employee id
Event_date	Date		Stores events date
Event_details	Varchar2(255)		Store Events Detail

## 4.3 User Interface

### CMS Main Page



# Adminstrator Page

Company Management System

Authentication

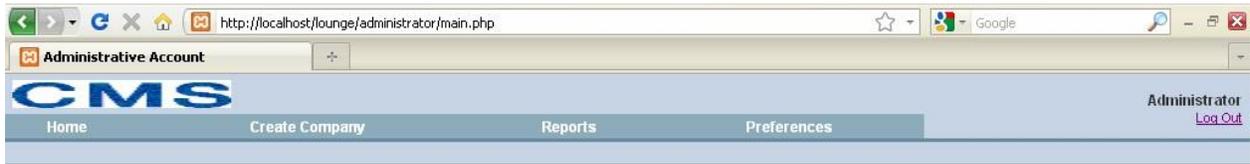
**Administrator**

Enter your username & password to log in

Username :

Password :

## Administrator Main Page



Welcome Administrator - Company Management System

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Copyright 2010 All Rights Reserved  
Company Management System  
New Delhi -110045, India  
Best viewed in Internet Explorer 6 or above at 1024x768 resolution

# Add New Company Page

<b>CMS</b>		Administrator <a href="#">Log Out</a>	
Home	Create Company	Reports	Preferences
Company > Add New Company			
<b>Add New Company</b> <span style="float: right;">+</span>			
Enter details of the Company Account you are creating.			
<b>Basic information</b>			
Company Name	Creative Web Soft		
Contact Number	9310894285		
Contact Person	B Singh		
Contact Person Number	B Singh		
Email ID	creativewebsoft@gmail.com		
Address	Dwarka		
City	New Delhi		
Organisation	Website Development		
Website	http://www.creativewebsoft.net		
<b>Login information</b>			
Username	creative		
Password	*****		
Confirm Password	*****		
<input type="button" value="Add Company"/>			

## Administrator Company Report Section

Reports - Administrative Account

CMS

Administrator [Log Out](#)

Home Create Company Reports Preferences

Company >

Company Details

Company Name	Organisation	Contact Person	Contact Number	Website	Action
VSIT	ngo	sumit	77777777	http://gmail.com	
tata	ngo	vipin	6666666666	http://gmail.com	

## Administrator Password Change

Change Password

Change Password

Current Pasword

New Password

Confirm New Password

# Company Login Page

Company Management System

Authentication

Administrator | Client | Employee

**Welcome to CMS Solutions...**  
Enter your username & password to log in



Company ID :

Username :

Password :

## Company Main Page



Welcome to Company Management System

## Company's All Projects Listing

CMS							Meenu
Home	Projects	Clients	Reports	Preferences	Employees	Queries	Event Management
<a href="#">Log Out</a>							
> Projects							
Follow Up Projects [ 2 ]							+
Projects	Client Organization	Person Following	Added On	Next Follow Up Date	Action		
nebula		raj negi	00-00-0000				
ultra slim		swapna das	11-02-2010				
Freezed Projects [ 1 ]							
Projects	Client Organization	Freezed Date	Freezed By	Action			
slotcher		03-10-2009	anju negi				
Under Development Projects [ 5 ]							
Projects	Client Organization	Developers	Start Date	End Date	Action		
elm		sumit bajpai amit vasisth	17-02-2010	28-02-2010			
xperia		mahendra singh shantanu bhattacharya	11-02-2010	28-02-2010			
yarri		shantanu bhattacharya amit vasisth	11-02-2010	29-03-2010			
nokia		sumit bajpai	17-01-2010	17-01-2010			
nbrc		mahendra singh shantanu bhattacharya	02-10-2009	31-10-2009			

## New Project Add

The screenshot shows a web browser window with the URL `http://localhost/lounge/cms_users/project_addnew.php`. The browser's address bar and tabs are visible. The CMS application interface includes a navigation menu with items: Home, Projects, Clients, Reports, Preferences, Employees, Queries, and Event Management. A 'Menu' link and a 'Log Out' link are also present. The main content area is titled 'Add New Project' and contains the following form fields:

- Select Client:** A dropdown menu with the selected value '[mobile phone] - sony ericsson' and a link '[ add new client ]'.
- Project Title:** A text input field.
- Brief Details:** A large text area for entering project details.
- Approx Budget:** A dropdown menu with the selected value 'INR' and an adjacent text input field.
- Assigned to:** A dropdown menu with the selected value 'raj negi' and a link '[ add new employee ]'.

At the bottom of the form is a button labeled 'Add Project'.

## Project Edit Section

http://localhost/lounge/cms\_users/project\_edit.php?prj\_id=1002prj

Edit Project - Administrative Account

**CMS** Meenu Log Out

Home Projects Clients Reports Preferences Employees Queries Event Management

Projects > Edit Project

### Edit Project

Enter details of the Project you are editing.

#### Basic information

Select Client: sony ericsson - mobile phone [ add new client ]

Project Title: Meenu New Project

Brief Details: This is my new project for IGNOU MCA

Approx Budget: USD 25500

Assigned to: swapna das [ add new employee ]

Edit Project

## Company Report Section

The screenshot shows a web browser window with the address bar displaying `http://localhost/lounge/cms_users/reports.php`. The browser's address bar also shows a search engine icon and the text "Google". The page title is "Reports - Administrative Account". The main content area features the "CMS" logo on the left and a navigation menu on the right with items: Home, Projects, Clients, Reports, Preferences, Employees, Queries, and Event Management. A "Menu" link and a "Log Out" link are also visible. Below the navigation menu, there is a breadcrumb trail: "Reports >". The main content area is titled "Administrator" and contains a list of five buttons: "Generate Employee Report", "Generate Project Report", "Generate Client Report", "Generate Payment Report", and "Payment Entry".

# Company Project Report

CMS

[Menu](#)  
[Log Out](#)

Home
Projects
Clients
Reports
Preferences
Employees
Queries
Event Management

▶ **Projects**

**yarri**

▼ **Details** View Payment Details

Name : yarri  
 Priority : Very Low  
 Active Phase(s) : No Phase is currently Active  
 Description : to make a wonderful phone  
 Development Site URL : http://localhost/yaari  
 Final Site URL : www.yaari.com

Created On : 11-02-2010  
 Start Date : 11-02-2010  
 End Date : 29-03-2010

Estimated Time : 368 hours (46 days)  
 Finalised Amount : 2000

▼ **Phases**

S. No.	Name	Total Modules	Uncompleted Modules	Status	Start Date	End Date	Days Left
1	Concept	0	0	● Not Started	-----	-----	--
2	Planning	0	0	● Not Started	-----	-----	--
3	Development	0	0	● Not Started	-----	-----	--
4	Testing	0	0	● Not Started	-----	-----	--
5	Rollout	0	0	● Not Started	-----	-----	--
6	Maintenance	0	0	● Not Started	-----	-----	--

▼ **Team**

Full Name	Title	User Name	Phone	Email
swapna das	programmer manager	swapna	9845715475	sd@fikki.com
shantanu bhattacharya	accountant	sanu	2345678912	shantanu@gmail.com

▼ **Task Open**

Name	Status	Task Date	Due Date	Assigned To	Published
checking module	● Not Started	11-02-2010	00-00-0000	-----	
picture module	● Not Started	11-02-2010	00-00-0000	-----	

▼ **Task Closed**

Name	Status	Task Date	Due Date	Assigned To	Completed At
------	--------	-----------	----------	-------------	--------------

▼ **Query Open**

Title	Status	Query Date	Accepted On	Accepted By
manager testing	● Not Started	17-02-2010	00-00-0000	

▼ **Query Closed**

Title	Status	Query Date	Accepted On	Completed At
-------	--------	------------	-------------	--------------

# Company Payment Entry

Browser address bar: [http://localhost/lounge/cms\\_users/payment\\_entry.php](http://localhost/lounge/cms_users/payment_entry.php)

Page Title: Payment Entry - Administrative Acc...

**CMS** Menu [Log Out](#)

Home Projects Clients Reports Preferences Employees Queries Event Management

Reports > Enter Payment Detail

Administrator

### PAYMENT ENTRY FOR THE PROJECT

Projects	<input type="text" value="nbrc"/>
Amount to Pay	<input type="text" value="50000"/>
Payment Date	<input type="text" value="Mar 28 2010"/>
Remarks	<input type="text" value="This is First Payment"/>
<input type="button" value="Save"/>	

## Company Event List



Browser address bar: [http://localhost/lounge/cms\\_users/event\\_list.php](http://localhost/lounge/cms_users/event_list.php)

Navigation menu: Home | Projects | Clients | Reports | Preferences | Employees | Queries | **Event Management**

Meenu | [Log Out](#)

Event List >

### My Events Calender

[Add New Events](#) | [Event Calendar](#) | [Event List](#)

S No.	Title	Date	Delete /Edit Events
1.	dsdfgdf	2010-01-07	Delete / Edit
2.	bagesh	2010-01-09	Delete / Edit
3.	hhhhhhhh bbbbbbb	2010-01-15	Delete / Edit

## Employee List

Full Name	User Name	Email	Salary		
raj negi	Meenu	raj@gmail.com	INR 23000		
anju negi	anju	anju@gmail.com	INR 25000		
mahendra singh	mahe	mahendra@nbric.ac.in	INR 25500		
shantanu bhattacharya	sanu	shantanu@gmail.com	INR 55490		
sumit bajpai	sumit	sumit24@gmail.com	INR 25000		
swapna das	swapna	sd@ficci.com	INR 30000		
amit vasisth	amitv	amitv@ficci.com	INR 20000		

# Add New Employee in Company

**CMS** Meenu  
[Log Out](#)

Home Projects Clients Reports Preferences Employees Queries Event Management

Employees > Add New Employee

---

**Add New Employee** +

Enter details of the Employee Account you are creating.

**Basic Information**

First Name	<input type="text"/>
Last Name	<input type="text"/>
Contact Number	<input type="text"/>
Email ID	<input type="text"/>
Address	<input type="text"/>
City	<input type="text"/>
Date of Birth	<input type="text"/> <input type="button" value=""/>
Job Title	<input type="text"/>
Department	<-----Select-----> <input type="button" value="v"/>
Monthly Salary	<input type="text"/>
Role	<-----Select-----> <input type="button" value="v"/>
Bank A/c No.	<input type="text"/>
Bank	<input type="text"/>

---

**Login information**

Username	<input type="text"/>
Password	<input type="text"/>
Confirm Password	<input type="text"/>

---

# Edit Employee Details

## Edit Employee Details

Enter new details of the Employee Account you are editing.

### Basic information

First Name	<input type="text" value="raj"/>
Last Name	<input type="text" value="negi"/>
Contact Number	<input type="text" value="8888888"/>
Email ID	<input type="text" value="raj@gmail.com"/>
Address	<input type="text" value="badarpur"/>
City	<input type="text" value="rajasthan"/>
Date of Birth	<input type="text" value="24-9-2009"/>
Job Title	<input type="text" value="ngo"/>
Department	<input type="text" value="Marketing"/>
Monthly Salary	<input type="text" value="23000"/>
Bank Ac No.	<input type="text" value="123456789"/>
Bank	<input type="text" value="axis"/>

### Login information

Username	<input type="text" value="Meenu"/>
Password	<input type="password" value="•••••"/>
Confirm Password	<input type="password" value="•••••"/>
Role	<input type="text" value="Manager"/>

## Client Login Page

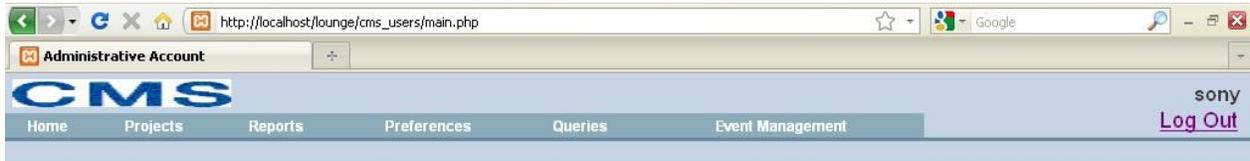
The screenshot shows a web browser window with the URL `http://localhost/lounge/cms_users/index2.php`. The page title is "Company Management System - CM...". The main header is "Company Management System" with a sub-header "Authentication". On the right, there are links for "Administrator | Client | Employee".

The login form is titled "Welcome to CMS Solutions..." and includes the instruction "Enter your username & password to log in". To the left of the form is an icon of a computer monitor with a refresh symbol and a person icon. The form fields are:

- Company ID :
- Client ID :
- Username :
- Password :

A "Login" button is located below the password field.

## Client Home Page



Welcome to Company Management System

## Edit Client Profile

CMS		ril				
<a href="#">Home</a>	<a href="#">Projects</a>	<a href="#">Reports</a>	<a href="#">Preferences</a>	<a href="#">Queries</a>	<a href="#">Event Management</a>	<a href="#">Log Out</a>
Client > Edit Client						
<b>Edit Client</b>						
Enter details of the Client Account you are editing.						
Basic information						
First Name	Reliance					
Last Name	Commu					
Contact Person	shiv					
Contact Number	1234567895					
Email ID	shiv@ficc.com					
Address	new delhi					
City	new delhi					
Organisation	ngo					
Website	www.room.co.in					
Status	Active					
Login information						
Username	ril					
Password	*****					
Confirm Password	*****					
<input type="button" value="Save changes"/>						

## Client's Project List

CMS							sony
Home	Projects	Reports	Preferences	Queries	Event Management	<a href="#">Log Out</a>	
▶ Projects							
<b>Follow Up Projects [ 4 ]</b>							
Projects	Client Organization	Person Following	Added On	Next Follow Up Date	Action		
nebula	mobile phone	raj negi	00-00-0000				
gsm	mobile phone	sujit singh	06-02-2010				
ultra slim	mobile phone	swapna das	11-02-2010				
Child Labour	mobile phone	nikitasha sharma	13-03-2010				
<b>Freezed Projects [ 2 ]</b>							
Projects	Client Organization	Freezed Date	Freezed By	Action			
cdma	mobile phone	06-02-2010	rohit sharma				
slotcher	mobile phone	03-10-2009	anju negi				
<b>Under Development Projects [ 5 ]</b>							
Projects	Client Organization	Developers	Start Date	End Date	Action		
elm	mobile phone	sumit bajpai amit vasisth	17-02-2010	28-02-2010			
xperia	mobile phone	mahendra singh shantanu bhattacharya	11-02-2010	28-02-2010			
yarri	mobile phone	shantanu bhattacharya amit vasisth	11-02-2010	29-03-2010			
nokia	mobile phone	sumit bajpai	17-01-2010	17-01-2010			
nbrc	mobile phone	mahendra singh shantanu bhattacharya	02-10-2009	31-10-2009			

# Employee Login Page

Company Management System - CM...

Company Management System

Authentication

Administrator | Client | Employee

Welcome to CMS Solutions...  
Enter your username & password to log in



Company ID :

Emp ID:

Username :

Password :

## Employee Welcome Page



Welcome to Company Management System

## Employee's Assigned Project Listing

Projects - Administrative Account

**CMS** sanu [Log Out](#)

Home Projects Preferences Queries Event Management

Projects

Follow Up Projects [ 0 ]

Projects	Client Organization	Person Following	Added On	Next Follow Up Date	Action
----------	---------------------	------------------	----------	---------------------	--------

Freezed Projects [ 0 ]

Projects	Client Organization	Freezed Date	Freezed By	Action
----------	---------------------	--------------	------------	--------

Under Development Projects [ 3 ]

Projects	Client Organization	Developers	Start Date	End Date	Action
nbrc	mobile phone	mahendra singh shantanu bhattacharya	02-10-2009	31-10-2009	
xperia	mobile phone	mahendra singh shantanu bhattacharya	11-02-2010	28-02-2010	
yarri	mobile phone	shantanu bhattacharya amit vasisth	11-02-2010	29-03-2010	

# Coding

## 5.1 Complete Project Coding

### ADMIN SECTION

#### WELCOME PAGE:-

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml"><head>
<meta http-equiv="content-type" content="text/html; charset=ISO-8859-1">
<title>Company Management System</title>
<link rel="icon" type="image/gif" href="image/fevicon.gif" >
<link href="Project%20Management%20System_files/styles.css"
rel="stylesheet" type="text/css">
<script language="javascript" src="Project%20Management%20System_files/empty_email.js"
type="text/javascript"></script>

<script language="javascript">
function validateForm()
{
    if(emptycheck("frmlogin","username","enter the user name")==false){return false;}
    if(emptycheck("frmlogin","pass","enter the passwod")==false){return false;}
}
</script>
</head><body>
<table align="center" border="0" cellpadding="0" cellspacing="0"
height="500" width="100%">
<tbody><tr>
<td><table class="login" align="center" border="0" cellpadding="0"
cellspacing="0" width="600">
<tbody><tr>
<td height="157" width="28"></td>
<td
background="Project%20Management%20System_files/login_bg.jpg"><table
border="0" cellpadding="0" cellspacing="0" width="100%">
<tbody><tr>
<td colspan="4" valign="top" align="center"><h1 class="head">Company
```

---

```

        Management System</h1>          </td>
    </tr>
    <tr>
        <td valign="top">&nbsp;</td>
    <td valign="top">&nbsp;</td>
    <td>&nbsp;</td>
        <td>&nbsp;</td>
    </tr>
    <tr>
        <td width="40%" valign="top"><a href="administrator/index.php" style="color:#FFF;
font-weight:bold;">Administrator</a> </td>
        <td width="32%" valign="top"><a href="cms_users/index.php" style="color:#FFF;
font-weight:bold;">Company</a></td>
        <td width="28%"><a href="cms_users/index2.php" style="color:#FFF; font-
weight:bold;">Client</a></td>
        <td width="28%"> <a href="cms_users/index1.php" style="color:#FFF; font-
weight:bold;">Employee</a>&nbsp;</td>
    </tr>
    </tbody>
</table></td>
    <td height="157" width="28"><div align="right"></div></td>
    </tr>
</tbody></table></td>
</tr>
</tbody></table>
</body></html>

```

### ADMIN HOME PAGE:-

```

<?
ob_start();
session_start();
include("session_check.php");
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<link href="mstyle.css" rel="stylesheet" type="text/css" />
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Administrative Account</title>

```

```

</head>

<body>
<table width="100%" border="0" cellspacing="0" cellpadding="0">
  <tr>
    <td valign="top"><? include("header.php")?></td>
  </tr>
  <tr>
    <td><table width="100%" border="0" cellspacing="0" cellpadding="0">

      <tr>
        <td bgcolor="#6A8CA0" height="1"></td>
      </tr>
    </table></td>
  </tr>
  <tr>
    <td style="font-size:12px;">&nbsp; </td>
  </tr>
  <tr>
    <td><div align="center"></div></td>
  </tr>
  <tr>
    <td align="center" class="style1"><span style="font-size:16px;">Welcome Administrator -
Company Management System</span></td>
  </tr>
  <tr>
  </tr>
  <tr>
  </tr>
  <tr>
    <td><hr /></td>
  </tr>
  <tr>
    <td><div align="center">
      <div align="center">
        <p>Copyright 2010 All Rights Reserved<br />
        Company Management System <br />
        New Delhi - 110045, India <br />
        Best viewed in Internet Explorer 6 or above at 1024x768 resolution </p>
      </div>
    </div></td>
  </tr>
</table>
</body>
</html>

```

## ADMIN LOGIN PAGE:-

```
<?php
ob_start();
session_start();
?>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Company Management System - CMS Solution</title>
<link href="styles.css" rel="stylesheet" type="text/css" />
<link rel="shortcut icon" href="favicon.ico" >
<link rel="icon" type="image/gif" href="..fevicon.gif" >
<script language="javascript" type="text/javascript">
// check over all
function validateForm()
{
    if( ""==document.form1.username.value)
    {
        alert("Please enter user name.");
        document.form1.username.focus();
        return false;
    }
    //check password null
    if( ""==document.form1.password.value)
    {
        alert("Please enter password, It should not less than 6 charector.");
        document.form1.password.focus();
        return false;
    }
    else
    {
        var pws1=document.form1.password.value;
        //check password not less than 6 char
        if(pws1.length<6)
        {
            alert("Can not fill less than 6 char in password");
            document.form1.password.select();
            return false;
        }
    }
}

return true;
}
```

---

```

</script>
</head>

<body>
<table width="100%" border="0" cellspacing="0" cellpadding="0">
  <tr>
    <td width="20%" valign="top" bgcolor="#000066"><div align="center"><span
class="style2">Company Management </span></div></td>
    <td height="50" colspan="3" rowspan="2" bgcolor="#000066">&nbsp;</td>
  </tr>
  <tr bgcolor="#000066">
    <td valign="top"><div align="center"><span class="style2">System</span></div></td>
  </tr>
  <tr>
    <td width="20%" valign="top" bgcolor="#000066">&nbsp;</td>
    <td width="17%" height="24"><div align="center"
class="style1">Authentication</div></td>
    <td width="1%" valign="top"></td>
    <td width="62%" height="24" bgcolor="#000066"></td>
  </tr>
  <tr>
    <td width="20%" height="40" valign="top" bgcolor="#000066">&nbsp;</td>
    <td colspan="3" rowspan="2" valign="top"><table width="100%" border="0"
cellspacing="0" cellpadding="0">
      <td valign="top"></td>
    </tr>
  </table>
</td>
</tr>
</table>
</body>
</html>

```

### LOGINCHECK PAGE:-

```

<?php
ob_start();
session_start();
include "conn.php";
if(isset($_POST['username']))
{
    $username=$_POST['username'];
    $password=$_POST['password'];
    $frmt = mktime(0,0,0,date("m"),date("d"),date("Y"));
    $today=date("Y-m-d",$frmt);

```

```

    $sql_admincheck="select * from admin_info where username='$username' AND
password='$password'";
    $rs_admincheck=mysql_query($sql_admincheck);
    $data_admincheck=mysql_fetch_array($rs_admincheck);
    if($data_admincheck)
    {
        //echo "hello";
        $adminid=$data_admincheck['id'];
        $_SESSION['admin_id']=$adminid;
        session_register('adminid');

        $update_qry="update admin_info set datee='$today' where id='$adminid'";
        mysql_query($update_qry);

        $url = "main.php";
        header("location:$url");

        exit();
    }
    else
    {
        header("location:index.php?msg=error");        exit();
    }
}

mysql_close($link);
?>

```

### **LOGOUT PAGE:-**

```

<?php
ob_start();
session_start();
include("conn.php");
$id=$_SESSION['admin_id'];
$frmt = mktime(0,0,0,date("m"),date("d"),date("Y"));
$today=date("Y-m-d", $frmt);

    $update_qry="update admin_info set last_login='$today' where id='$id'";
        mysql_query($update_qry);

session_unregister('admin_id');
header("location:index.php");
?>

```

---

### **DATABASE CONNECTION PAGE:-**

```
<?php

$hostname="localhost";
$username="root";
$password="";
$dbname="lounge";

$link=mysql_connect($hostname,$username, $password) OR DIE ("Unable to connect to
database! Please try again later.");
mysql_select_db($dbname);

?>
```

### **SESSION CHECK PAGE:-**

```
<?
session_start();
if(!isset($_SESSION['admin_id']))
{
    header("location:index.php");
    exit();
}
?>
```

### **HEADER PAGE:-**

```
<link rel="shortcut icon" href="favicon.ico" >
<link rel="icon" type="image/gif" href="../favicon.gif" >
<?

include("session_check.php");
?>

<table width="100%" border="0" cellpadding="0" cellspacing="0" bgcolor="#C6D4E6">

    <tr>
        <td colspan="2" bgcolor="#C6D4E6" height="3"></td>
    </tr>
```

---

```

        <tr>
            <td width="82%" height="30">&nbsp;&nbsp;&nbsp;</td>
            <td width="18%" rowspan="2"><div align="right"><span
class="style1">Administrator&nbsp;&nbsp;&nbsp;<br />
            </span><span class="style2"><a href="logout.php" style="text-decoration:underline">Log
Out</a>&nbsp;&nbsp;&nbsp;</span> </div></td>
        </tr>
        <tr>
            <td><table width="90%" border="0" cellpadding="0" cellspacing="0"
bgcolor="#8CACBC">
                <tr>
                    <td height="20" style="cursor:hand" onClick="window.location='main.php'"
onMouseOver="bgColor=#416170" onMouseOut="bgColor=#8CACBC"><div
align="center"><span class="headmenu">Home</span></div></td>
                    <td style="cursor:hand" onClick="window.location='company_addnew.php'"
onMouseOver="bgColor=#416170" onMouseOut="bgColor=#8CACBC"><div
align="center"><span class="headmenu">Create Company</span></div></td>
                    <td style="cursor:hand" onClick="window.location='reports.php'"
onMouseOver="bgColor=#416170" onMouseOut="bgColor=#8CACBC"><div
align="center"><span class="headmenu">Reports</span></div></td>
                    <td style="cursor:hand" onClick="window.location='preferences.php'"
onMouseOver="bgColor=#416170" onMouseOut="bgColor=#8CACBC"><div
align="center"><span class="headmenu">Preferences</span></div></td>
                </tr>
            </table></td>
        </tr>
        <tr>
            <td colspan="2" bgcolor="#6A8CA0" height="3"></td>
        </tr> </table>

```

### COMPANY CREATE FORM:-

```

<?
ob_start();
session_start();
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<link href="mstyle.css" rel="stylesheet" type="text/css" />
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

```

---

```

<title>Add New Company - Administrative Account</title>
<script type="text/javascript" src="calendarDateInput.js"></script>

<script type="text/JavaScript">
<!--
function MM_preloadImages() { //v3.0
  var d=document; if(d.images){ if(!d.MM_p) d.MM_p=new Array();
    var i,j=d.MM_p.length,a=MM_preloadImages.arguments; for(i=0; i<a.length; i++)
      if (a[i].indexOf("#")!=0){ d.MM_p[j]=new Image; d.MM_p[j++].src=a[i];}
  }

function MM_swapImgRestore() { //v3.0
  var i,x,a=document.MM_sr; for(i=0;a&&i<a.length&&(x=a[i])&&x.oSrc;i++) x.src=x.oSrc;
}

function MM_findObj(n, d) { //v4.01
  var p,i,x; if(!d) d=document; if((p=n.indexOf("?"))>0&&parent.frames.length) {
    d=parent.frames[n.substring(p+1)].document; n=n.substring(0,p);}
  if(!(x=d[n])&&d.all) x=d.all[n]; for (i=0;!x&&i<d.forms.length;i++) x=d.forms[i][n];
  for(i=0;!x&&d.layers&&i<d.layers.length;i++) x=MM_findObj(n,d.layers[i].document);
  if(!x && d.getElementById) x=d.getElementById(n); return x;
}

function MM_swapImage() { //v3.0
  var i,j=0,x,a=MM_swapImage.arguments; document.MM_sr=new Array; for(i=0;i<(a.length-2);i+=3)
    if ((x=MM_findObj(a[i]))!=null){ document.MM_sr[j++]=x; if(!x.oSrc) x.oSrc=x.src;
x.src=a[i+2];}
}
//-->
</script>
<script language="javascript" type="text/javascript">
// check over all
function validateForm(signupform)
{
//check loginid null
  //check comapany name is null
  if(""==document.forms.signupform.comp_name.value)
  {
    alert("Please enter company name.");
    document.forms.signupform.comp_name.focus();
    return false;
  }
}

```

---

```

//check company contact is null
if(""==document.forms.signupform.comp_contact.value)
{
alert("Please enter company's contact number.");
    document.forms.signupform.comp_contact.focus();
    return false;
}

//check contact no is null
if(""==document.forms.signupform.contact_person.value)
{
alert("Please enter contact person name.");
    document.forms.signupform.contact_person.focus();
    return false;
}

if(""==document.forms.signupform.contact_person_number.value)
{
alert("Please enter contact person number.");
    document.forms.signupform.contact_person_number.focus();
    return false;
}

//check email
if(""==document.forms.signupform.email.value)
{
alert("Please enter email id.");
    document.forms.signupform.email.focus();
    return false;
}
    else
{}
else
{

var pws2=document.signupform.re_password.value;
//check confirm password not less than 6 char
if(pws2.length<6)
{
    alert("Can not fill less than 6 char in password");
    document.forms.signupform.re_password.select();
    return false;
}
}
}

```

---

```

//check both both password are same
if(pws1!=pws2)
{
    alert("Both passwords must be same");
    document.forms.signupform.re_password.select();
    return false; }

return true;
}

</script>
</head>

<body onload="MM_preloadImages('../images/btn_add_over.gif')">
<table width="100%" border="0" cellspacing="0" cellpadding="0">

    <td>&nbsp;</td>
    <td><input name="re_password" type="password" value="" style="font-
family:Arial;font-size:7pt;height:16px;width:260px;border=1px solid #999999"></td>
</tr>
<tr>
    <td colspan="3" height="10"></td>
</tr>
<tr>
    <td><input type="submit" name="Submit" value="Add Company"></td>
</table>
    </form></td>
</tr>
<tr>
    <td colspan="2">&nbsp;</td>
</tr>
<tr>
    <td colspan="2" class="headerresultmenu">&nbsp;</td>
</tr>
</table></td>
</tr>
</table>
</body>
</html>

```

## MSTYLE.CSS PAGE

```
a:link { color: #262F48;
text-decoration: none;
}
a:visited {
    text-decoration: none;
}

a:hover { color: #262F48;
    text-decoration: underline;
}

shop:link { color: red;
text-decoration: none;
}
shop:visited { color: blue;
    text-decoration: none;
}
shop:hover { color: green;
    text-decoration: none;
}

.reviews { font-size: 12px;
    font-family: Arial, Helvetica, sans-serif;
    color: #333333;
    font-weight:normal;
    text-decoration: none
}

body {
    font-weight: normal;
    color: #495A8D;
    text-decoration: none;
    font-family: Verdana, Arial, Helvetica, sans-serif;
    font-size: 40px;
    margin-top: 0px;
    margin-right: 0px;
    margin-bottom: 0px;
    margin-left: 0px;
}
```

---

```
.normaltxt {
    font-weight: normal;
    color: #333333;
    text-decoration: none;
    font-family: Verdana, Arial, Helvetica, sans-serif;
    margin-top: 0px;
    margin-right: 0px;
    margin-bottom: 0px;
    margin-left: 0px;
}
```

```
td {
    color: #333333;
    font-size: 11px;
    font-family: Arial, Helvetica, sans-serif;
    text-decoration: none;}

```

```
.headmenu {
    font-size: 12px;
    color: #FFFFFF;
    font-weight: bold;
}
```

```
.copyrt {
    font-size: 10px;
    color: #999999;
    padding: 5px;
    text-align: center;
    border-top-width: 1px;
    border-right-width: 1px;
    border-bottom-width: 1px;
    border-left-width: 1px;
    border-top-style: dotted;
    border-top-color: #336699;
    border-right-color: #336699;
    border-bottom-color: #336699;
    border-left-color: #336699;
}
```

```
.txtLeft {
    padding-right: 6px;
    padding-bottom: 6px;
    padding-left: 6px;
}
```

```
}  
  
.txtLeftindent {  
  
    padding-right: 1px;  
    padding-bottom: 1px;  
    padding-left: 15px;  
}  
.txtLeftonly {  
    padding-right: 1px;  
    padding-bottom: 1px;  
    padding-left: 6px;  
  
}  
  
.txtsumi {  
    padding-top: 5px;  
    padding-right: 20px;  
    padding-bottom: 20px;  
    padding-left: 20px;  
}  
  
}  
  
.bottomborder1 {  
    border-bottom-width: 1px;  
    border-bottom-style: solid;  
    border-bottom-color: #6B6627;  
}  
  
.lefttopbottomborder {  
    border-left-width: 1px;  
    border-left-style: solid;  
    border-left-color: #000060;  
    border-top-width: 1px;  
    border-top-style: solid;  
    border-top-color: #000060;  
    border-bottom-width: 1px;  
    border-bottom-style: solid;  
    border-bottom-color: #000060;  
  
.headerresultmenu{  
background-color:#DAE3EF;  
}
```

---

## COMPANY LOGIN.PHP

```
<?php
ob_start();
session_start();

?>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Company Management System - CMS Solution</title>
<link href="styles.css" rel="stylesheet" type="text/css" />
<link rel="shortcut icon" href="favicon.ico" >
<link rel="icon" type="image/gif" href="..fevicon.gif" >

<script language="javascript" type="text/javascript">
// check over all
function validateForm()
{
    if(""==document.form1.username.value)
    {
        alert("Please enter user name.");
        document.form1.username.focus();
        return false;
    }
    //check password null
    if(""==document.form1.password.value)
    {
        alert("Please enter password, It should not less than 6 charector.");
        document.form1.password.focus();
        return false;
    }
    else
    {

        var pws1=document.form1.password.value;
        //check password not less than 6 char
        if(pws1.length<6)
        {
            alert("Can not fill less than 6 char in password");
            document.form1.password.select();
            return false;
        }
    }
}
```

---



```
</table></td>
</tr>
<tr>
  <td valign="top"></td>
</tr>
</table>
</body>
</html>
```

### **SESSION CHECK:-**

```
<?
@session_start();
if(!isset($_SESSION['usr_id']))
{
    header("location:index.php");
    exit();
}
?>
```

### **ADD NEW PROJECT**

```
<?
ob_start();
session_start();
include_once("conn.php");
$companyid=$_SESSION['usrid'];
$rsclient=mysql_query("select * from client where comp_id=$companyid");
$rsusr=mysql_query("select * from user_master where comp_id=$companyid AND
role='Manager'");
?>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<link href="mstyle.css" rel="stylesheet" type="text/css" />
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Add New Project - Administrative Account</title>
<script type="text/javascript" src="datetimepicker.js"></script>
```

---



```

href="project_addnew.php"></a></div></td>
</tr>

<tr>
<td height="20" colspan="2" class="headerresultmenu"> &nbsp;&nbsp;&nbsp;Enter details of the
Project you are creating. </td>
</tr>
<tr>
<td colspan="2"><form name="signupform" method="post" action="project_added.php"
onSubmit="return validateForm(signupform);" >
<table width="90%" border="0" align="center" cellpadding="0" cellspacing="0">
<tr>
<td><span class="style23">&nbsp;&nbsp;&nbsp;Select Client </span></td>
<td>&nbsp;&nbsp;&nbsp;</td>
<td><select name="client_id" style="font-family:Arial;font-
size:8pt;height:20px;border:1px solid #999999">
<? while($dataclient = mysql_fetch_array($rsclient)) { ?>
<option value="<?=$dataclient['clt_id']?>"><? echo '['.$dataclient['organisation'].']' -
".$dataclient['fullname']; ?></option>
<? } ?>
</select>
<span class="style22"></span> <a href="client_addnew.php"><span
class="style22">add new client</span></a> <span class="style22"></span> </td>
</tr>
<tr>
<td><span class="style23">&nbsp;&nbsp;&nbsp;Project Title </span></td>
<td>&nbsp;&nbsp;&nbsp;</td>
<td><input name="title" type="text" id="circle_name" value="" style="font-
family:Arial;font-size:8pt;height:16px;width:160px;border:1px solid #999999" /></td>
</tr>
<tr>
<td>&nbsp;&nbsp;&nbsp;<span class="style23">Assigned to</span></td>
<td valign="middle">
<table border="0" cellpadding="0" cellspacing="0">
<tr>
<td width="171" height="40" valign="middle"><select name="employee_id"
style="font-family:Arial;font-size:8pt;height:20px;width:160px;border:1px solid #999999">
<? while($datausr = mysql_fetch_array($rsusr))

```

```

        {
            $dd=$datausr['emp_id'];
            $dataemp=mysql_fetch_array(mysql_query("select * from
employee where comp_id='$companyid' AND emp_id='$dd'"));

            ?>
            <option value="<?=$datausr['emp_id']?>">
                <?=$dataemp['fullname']?>
            </option>

            <? } ?>
        </select></td>
        <td width="224" valign="middle"><div class="style22">[ <a
href="employee_addnew.php"><span class="style22">add new employee</span></a> <span
class="style22">>]</div></td>
    </tr>
</table>
</td>
</tr>
<tr>
<tr>
<tr>
<td><input type="submit" name="Submit" value="Add Project" /></td>
</table>
</form></td>
</tr>
<tr>
<td colspan="2" class="headerresultmenu">&nbsp;</td>
</tr>
</table></td>
</tr>
</table>
</body>
</html>
<? mysql_close($link);?>

```

#### **CLIENT ADD FORM:-**

```

<?
ob_start();
session_start();
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"

```

---

```

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<link href="mstyle.css" rel="stylesheet" type="text/css" />
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Add New Client - Administrative Account</title>
<script type="text/javascript" src="calendarDateInput.js"></script>

<script type="text/JavaScript">
<!--
function MM_preloadImages() { //v3.0
  var d=document; if(d.images){ if(!d.MM_p) d.MM_p=new Array();
    var i,j=d.MM_p.length,a=MM_preloadImages.arguments; for(i=0; i<a.length; i++)
      if (a[i].indexOf("#")!=0){ d.MM_p[j]=new Image; d.MM_p[j++].src=a[i];}
  }

function MM_swapImgRestore() { //v3.0
  var i,x,a=document.MM_sr; for(i=0;a&&i<a.length&&(x=a[i])&&x.oSrc;i++) x.src=x.oSrc;
}

function MM_findObj(n, d) { //v4.01
  var p,i,x; if(!d) d=document; if((p=n.indexOf("?"))>0&&parent.frames.length) {
    d=parent.frames[n.substring(p+1)].document; n=n.substring(0,p);}
  if(!(x=d[n])&&d.all) x=d.all[n]; for (i=0;!x&&i<d.forms.length;i++) x=d.forms[i][n];
  for(i=0;!x&&d.layers&&i<d.layers.length;i++) x=MM_findObj(n,d.layers[i].document);
  if(!x && d.getElementById) x=d.getElementById(n); return x;
}

function MM_swapImage() { //v3.0
  var i,j=0,x,a=MM_swapImage.arguments; document.MM_sr=new Array; for(i=0;i<(a.length-2);i+=3)
    if ((x=MM_findObj(a[i]))!=null){ document.MM_sr[j++]=x; if(!x.oSrc) x.oSrc=x.src;
    x.src=a[i+2];}
}
//-->
</script>
<script language="javascript" type="text/javascript">
// check over all
function validateForm(signupform)
{
//check loginid null
  //check firstname is null
  if(""==document.forms.signupform.firstname.value)
  {

```

---

```

alert("Please enter first name.");
    document.forms.signupform.firstname.focus();
    return false;
}

//check lastname is null
if(""==document.forms.signupform.lastname.value)
{
alert("Please enter lastname name.");
    document.forms.signupform.lastname.focus();
    return false;
}

//check contact no is null
if(""==document.forms.signupform.contact_no.value)
{
alert("Please enter contact number.");
    document.forms.signupform.contact_no.focus();
    return false;
}

//check email
if(""==document.forms.signupform.email.value)
{
alert("Please enter email id.");
    document.forms.signupform.email.focus();
    return false;
}
else
{
var login =document.signupform.email.value;
//check valid loginid
if((login.indexOf("@")==-1) || (login.indexOf(".")==-1))
{
    alert("plz fill valid email-Id");
    document.forms.signupform.email.select();
return false;
}
}

// check address
if(""==document.forms.signupform.address.value)
{
    alert("Please enter address.");

```

---

```
        document.forms.signupform.address.focus();
        return false;
    }

    // check city
    if( ""==document.forms.signupform.city.value)
    {
        alert("Please enter City name.");
        document.forms.signupform.city.focus();
        return false;
    }
    // check jobtitle
    if( ""==document.forms.signupform.compname.value)
    {
        alert("Please enter organisation name.");
        document.forms.signupform.compname.focus();
        return false;
    }

    // check salary
    if( ""==document.forms.signupform.jobtitle.value)
    {
        alert("Please enter job title.");
        document.forms.signupform.jobtitle.focus();
        return false;
    }
    if( ""==document.forms.signupform.url.value)
    {
        alert("Please enter website.");
        document.forms.signupform.url.focus();
        return false;
    }

    if( ""==document.forms.signupform.username.value)
    {
        alert("Please enter user name.");
        document.forms.signupform.username.focus();
        return false;
    }
    //check password null
    if( ""==document.forms.signupform.password.value)
    {
        alert("Please enter password, It should not less than 6 charector.");
        document.forms.signupform.password.focus();
    }
}
```

---

```

        return false;
    }
    else
    {
        var pws1=document.signupform.password.value;
        //check password not less than 6 char
        if(pws1.length<6)
        {
            alert("Can not fill less than 6 char in password");
            document.forms.signupform.password.select();
            return false;
        }
    }
}
//check confirm password null
if(""==document.forms.signupform.re_password.value)
{
    alert("Please enter confirm password.");
    document.forms.signupform.re_password.focus();
    return false;
}
else
{
    var pws2=document.signupform.re_password.value;
    //check confirm password not less than 6 char
    if(pws2.length<6)
    {
        alert("Can not fill less than 6 char in password");
        document.forms.signupform.re_password.select();
        return false;
    }
}
//check both both password are same
if(pws1!=pws2)
{
    alert("both passwords must be same");
    document.forms.signupform.re_password.select();
    return false;
}

return true;
}
function MM_jumpMenu(targ,selObj,restore){ //v3.0
eval(targ+".location='"+selObj.options[selObj.selectedIndex].value+"'");
if (restore) selObj.selectedIndex=0;

```

---







```

// check over all
function validateForm()
{
  if( ""==document.form1.username.value)
  {
    alert("Please enter user name.");
    document.form1.username.focus();
    return false;
  }
  //check password null
  if( ""==document.form1.password.value)
  {
    alert("Please enter password, It should not less than 6 charector.");
    document.form1.password.focus();
    return false;
  }
  else
  {
    var pws1=document.form1.password.value;
    //check password not less than 6 char
    if(pws1.length<6)
    {
      alert("Can not fill less than 6 char in password");
      document.form1.password.select();
      return false;
    }
  }
  return true;
}
</script>
</head>
<body>
<table width="100%" border="0" cellspacing="0" cellpadding="0">
  <tr>
    <td width="20%" valign="top" bgcolor="#000066"><div align="center"><span
class="style2">Company Management </span></div></td>
    <td height="50" colspan="3" rowspan="2" bgcolor="#000066">&nbsp;</td>
  </tr>
  <tr bgcolor="#000066">
    <td valign="top"><div align="center"><span class="style2">System</span></div></td>
  </tr>
  <tr>
    <td width="20%" valign="top" bgcolor="#000066">&nbsp;</td>

```

---



```

?></span>                                </td>
</tr>
<tr>
  <td colspan="2" bgcolor="#CCCCCC" height="1"></td>
</tr>
<tr>
  <td width="23%" height="28"><span class="style3">Company ID :</span> </td>
  <td><input name="company_id" type="text" value="" style="font-family:Arial;font-
size:9pt;height:18px;width:160px;border=1px solid #999999"></td>
</tr>
<tr>
  <td height="28"><span class="style3">Emp ID:</span></td>
  <td><input name="emp_id" type="text" value="" style="font-family:Arial;font-
size:9pt;height:18px;width:160px;border=1px solid #999999">
</td>
</tr>
<tr>
  <td height="28"><span class="style3">Username :</span></td>
  <td><input name="username" type="text" id="firstname" value="" style="font-
family:Arial;font-size:9pt;height:18px;width:160px;border=1px solid #999999"></td>
</tr>
</tr>
</table></td>
</tr>
<tr>
  <td valign="top"></td>
</tr>
</table>
</body>
</html>

```

### ADD EMPLOYEE FORM:-

```

<?
ob_start();
session_start();
?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">

```

---

```

<head>
<link href="mstyle.css" rel="stylesheet" type="text/css" />
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Add New Employee - Administrative Account</title>
<script type="text/javascript" src="datetimepicker.js"></script>

<script type="text/JavaScript">
<!--
function MM_preloadImages() { //v3.0
  var d=document; if(d.images){ if(!d.MM_p) d.MM_p=new Array();
    var i,j=d.MM_p.length,a=MM_preloadImages.arguments; for(i=0; i<a.length; i++)
      if (a[i].indexOf("#")!=0){ d.MM_p[j]=new Image; d.MM_p[j++].src=a[i];}
  }

function MM_swapImgRestore() { //v3.0
  var i,x,a=document.MM_sr; for(i=0;a&&i<a.length&&(x=a[i])&&x.oSrc;i++) x.src=x.oSrc;
  }

function MM_findObj(n, d) { //v4.01
  var p,i,x; if(!d) d=document; if((p=n.indexOf("?"))>0&&parent.frames.length) {
    d=parent.frames[n.substring(p+1)].document; n=n.substring(0,p);}
  if(!(x=d[n])&&d.all) x=d.all[n]; for (i=0;!x&&i<d.forms.length;i++) x=d.forms[i][n];
  for(i=0;!x&&d.layers&&i<d.layers.length;i++) x=MM_findObj(n,d.layers[i].document);
  if(!x && d.getElementById) x=d.getElementById(n); return x;
  }

function MM_swapImage() { //v3.0
  var i,j=0,x,a=MM_swapImage.arguments; document.MM_sr=new Array; for(i=0;i<(a.length-2);i+=3)
    if ((x=MM_findObj(a[i]))!=null){ document.MM_sr[j++]=x; if(!x.oSrc) x.oSrc=x.src;
    x.src=a[i+2];}
  }
  /-->
</script>
<script language="javascript" type="text/javascript">
// check over all
function validateForm(signupform)
{
//check loginid null
  //check firstname is null
  if(""==document.forms.signupform.firstname.value)
  {
    alert("Please enter first name.");
    document.forms.signupform.firstname.focus();
  }
}

```

---

```

        return false;
    }

    //check lastname is null
    if(""==document.forms.signupform.lastname.value)
    {
        alert("Please enter lastname name.");
        document.forms.signupform.lastname.focus();
        return false;
    }

    //check contact no is null
    if(""==document.forms.signupform.contact_no.value)
    {
        alert("Please enter contact number.");
        document.forms.signupform.contact_no.focus();
        return false;
    }

    //check email
    if(""==document.forms.signupform.email_id.value)
    {
        alert("Please enter email id.");
        document.forms.signupform.email_id.focus();
        return false;
    }
    else
    {
        var login =document.signupform.email_id.value;
        //check valid loginid
        if((login.indexOf("@")==-1) || (login.indexOf(".")==-1))
        {
            alert("plz fill valid email-Id");
            document.forms.signupform.email_id.select();
            return false;
        }
    }
}
// check address
if(""==document.forms.signupform.address.value)
{
    alert("Please enter address.");
    document.forms.signupform.address.focus();
    return false;
}

```

---

```

    // check city
if( ""==document.forms.signupform.city.value)
    {
        alert("Please enter city.");
        document.forms.signupform.city.focus();
        return false;
    }
    // check jobtitle
if( ""==document.forms.signupform.jobtitle.value)
    {
        alert("Please enter job title.");
        document.forms.signupform.jobtitle.focus();
        return false;
    }
    // check salary
if( ""==document.forms.signupform.salary.value)
    {
        alert("Please enter salary. ");
        document.forms.signupform.salary.focus();
        return false;
    }

if( ""==document.forms.signupform.user_name.value)
    {
        alert("Please enter user name.");
        document.forms.signupform.user_name.focus();
        return false;
    }
//check password null
if( ""==document.forms.signupform.password.value)
    {
        alert("Please enter password, It should not less than 6 charector.");
        document.forms.signupform.password.focus();
        return false;
    }
    else
    {
        var pws1=document.signupform.password.value;
        //check password not less than 6 char
        if(pws1.length<6)
        {
            alert("Can not fill less than 6 char in password");
            document.forms.signupform.password.select();
            return false;
        }
    }

```

---

```

    }
  }
  //check confirm password null
  if( ""==document.forms.signupform.re_password.value)
  {
    alert("Please enter confirm password.");
    document.forms.signupform.re_password.focus();
    return false;
  }
  else
  {

    var pws2=document.signupform.re_password.value;
    //check confirm password not less than 6 char
    if(pws2.length<6)
    {
      alert("Can not fill less than 6 char in password");
      document.forms.signupform.re_password.select();
      return false;
    }
  }
  //check both both password are same
  if(pws1!=pws2)
  {
    alert("both passwords must be same");
    document.forms.signupform.re_password.select();
    return false;
  }
  return true;
}

</script>
</head>
<body onload="MM_preloadImages('../images/btn_add_over.gif')">
<table width="100%" border="0" cellspacing="0" cellpadding="0">
  <tr>
    <td valign="top"><? include("header.php")?></td>
  </tr><tr>
    <td><table width="100%" border="0" cellspacing="0" cellpadding="0">
      <tr>
        <td height="18" bgcolor="#C6D4E6"><a href="employees.php">Employees</a>
        &gt; Add New Employee</td></tr>

```

---









```

$flag='0';

$cmpid=$_SESSION['usr_id']; $sempid=$_SESSION['employeeid']; $cltid=$_SESSION['cltid'];
if($sempid!="")
{
    $qx="select * from user_master where comp_id='$cmpid' AND emp_id='$sempid' AND
role='Manager';
    $dx=mysql_fetch_array(mysql_query($qx));
    if(empty($dx))
    { $flag='0'; }
    else { $flag='1'; }
}
elseif($cltid!="")
{ $flag='0'; }
elseif($cmpid!="")
{ $flag='1'; }

    $prj_id=$_GET['prj_id'];
    //$client_id=$_GET['client_id'];
    // $dclient=mysql_query("select * from client_info where
client_id='$client_id'");

    $dprj=mysql_fetch_object(mysql_query("select * from project where
prj_id='$prj_id'"));

function date_separator($dummy) // to change date from yy-mm-dd to dd-mm-yy
{
    $date1=$dummy;
    $frmtdate=strpos($date1,'-');
    $yy=substr($date1,0,$frmtdate);
    $mm=substr($date1,$frmtdate+1,2);
    $dd=substr($date1,strlen($date1)-2,2);
    return $dummy=date("$dd-$mm-$yy");
}

function date_separator1($dummy) // to change date from yy-mm-dd to dd-mm-yy
{
    $date1=$dummy;
    $frmtdate=strpos($date1,'-');
    $yy=substr($date1,0,$frmtdate);
    $mm=substr($date1,$frmtdate+1,2);
    $dd=substr($date1,strlen($date1)-2,2);
    return $dummy=date("$dd-$mm-$yy");
}

```

---

```

function date_separator2($dummy) // to change date from yy-mm-dd to dd-mm-yy
{
    $date1=$dummy;
    $frmtdate=strpos($date1,'-');
    $yy=substr($date1,0,$frmtdate);
    $mm=substr($date1,$frmtdate+1,2);
    $dd=substr($date1,strlen($date1)-2,2);
    return $dummy=date("$mm-$dd-$yy");
}

function dateDiff($dformat, $endDate, $beginDate)
{
    $date_parts1=explode($dformat, $beginDate);
    $date_parts2=explode($dformat, $endDate);
    $start_date=gregoriantojd($date_parts1[0], $date_parts1[1],
$date_parts1[2]);
    $end_date=gregoriantojd($date_parts2[0], $date_parts2[1],
$date_parts2[2]);
    return $end_date - $start_date;
}

// $bdate=date("$mm/$dd/$yy");
// $edate=date("m/d/Y");
// echo dateDiff("/", $edate, $bdate);

?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<link href="mstyle.css" rel="stylesheet" type="text/css" />
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
<title>Project Detail - Administrative Account</title>
<script type="text/JavaScript">
<!--
function MM_preloadImages() { //v3.0
var d=document; if(d.images){ if(!d.MM_p) d.MM_p=new Array();
var i,j=d.MM_p.length,a=MM_preloadImages.arguments; for(i=0; i<a.length; i++)
if (a[i].indexOf("#")!=0){ d.MM_p[j]=new Image; d.MM_p[j++].src=a[i];} }
}

function MM_findObj(n, d) { //v4.01

```

---



```

View Payment Details </a></div></td>
<td width="4%" class="headerbg">

    <? if($flag=='1') { ?>
        <div align="center"><a href="view_payment_dtl.php?prj_id=<?=$prj_id
?>"></a></div>
    <? } ?> </td>
    <td width="4%" class="headerbg">
        <? if($flag=='1') { ?><div align="center"><a
href="project_d_assign_edit.php?prj_id=<?=$prj_id ?>"></a></div>
        <? } ?></td>
</tr>
<tr>
    <td colspan="4" valign="top" bgcolor="#F5F5F5"><table width="95%" border="0"
align="center" cellpadding="0" cellspacing="0">
    <tr>
    </tr>
    <tr>
        <?
        $active_phases="";
        $dtask=mysql_fetch_array(mysql_query("select count(task_id) from tasks
where prj_id='$prj_id' And phase_id='1' And task_accepted_on!='0000-00-00"));
        if($dtask[0]>0) $active_phases=' Concept ';
        $dtask=mysql_fetch_array(mysql_query("select count(task_id) from tasks
where prj_id='$prj_id' And phase_id='2' And task_accepted_on!='0000-00-00"));
        if($dtask[0]>0) $active_phases.=' Planning ';
        $dtask=mysql_fetch_array(mysql_query("select count(task_id) from tasks
where prj_id='$prj_id' And phase_id='3' And task_accepted_on!='0000-00-00"));
        if($dtask[0]>0) $active_phases.=' Development ';
        $dtask=mysql_fetch_array(mysql_query("select count(task_id) from tasks
where prj_id='$prj_id' And phase_id='4' And task_accepted_on!='0000-00-00"));
        if($dtask[0]>0) $active_phases.=' Testing ';
        $dtask=mysql_fetch_array(mysql_query("select count(task_id) from tasks
where prj_id='$prj_id' And phase_id='5' And task_accepted_on!='0000-00-00"));
        if($dtask[0]>0) $active_phases.=' Rollout ';
        $dtask=mysql_fetch_array(mysql_query("select count(task_id) from tasks
where prj_id='$prj_id' And phase_id='6' And task_accepted_on!='0000-00-00"));
        if($dtask[0]>0) $active_phases.=' Maintenance ';
        if($active_phases=="")

```

---

\$active\_phases='No Phase is currently Active';

?>

```
<tr>
  <td height="20"><div align="right" class="style8">Name</div></td>
  <td><div align="center"><strong>:</strong></div></td>
  <td><span class="style7"><?= $dprj->prj_name; ?> </span></td>
</tr>
<tr>
  <td height="20"><div align="right" class="style8">Priority</div></td>
  <td><div align="center"><strong>:</strong></div></td>
  <td><span class="style7"><?= $dprj->priority; ?> </span></td>
</tr>
<tr>
  <td height="20"><div align="right" class="style8">Active Phase(s) </div></td>
  <td><div align="center"><strong>:</strong></div></td>
  <td><span class="style7"><?=$active_phases?></span></td>
</tr>
<tr>
  <td height="20" valign="top"><div align="right" class="style8">Description</div></td>
  <td valign="top"><div align="center"><strong>:</strong></div></td>
  <td><span class="style7"><?= $dprj->description; ?></span></td>
</tr>
<tr>
  <td height="20"><div align="right" class="style8">Development Site URL </div></td>
  <td><div align="center"><strong>:</strong></div></td>
  <td><span class="style7"><?= $dprj->url_development; ?></span></td>
</tr>
<tr>
  <td height="20"><div align="right" class="style8">Final Site URL </div></td>
  <td><div align="center"><strong>:</strong></div></td>
  <td><span class="style7"><?= $dprj->url_final; ?></span></td>
</tr>
<tr>
  <td height="20"><div align="right"><span class="style6"><span
class="style8"></span></span></div></td>
  <td><div align="center"></div></td>
  <td>&nbsp;</td>
</tr>
<tr>
  <td height="20"><div align="right" class="style8"></div></td>
  <td><div align="center"></div></td>
  <td>&nbsp;</td>
</tr>
```

---

```

<tr>
  <td height="20"><div align="right" class="style8">Created On </div></td>
  <td><div align="center"><strong>:</strong></div></td>
  <td><span class="style7"><? = date_separator($dprj->added_on); ?> </span></td>
</tr>
  <tr>
    <td height="20"><div align="right" class="style8">Start Date </div></td>
    <td><div align="center"><strong>:</strong></div></td>
    <td><span class="style7"><? = date_separator1($dprj->start_date); ?> </span></td>
  </tr>
  <tr>
    <td height="20"><div align="right" class="style8">End Date </div></td>
    <td><div align="center"><strong>:</strong></div></td>
    <td><span class="style7"><? = date_separator1($dprj->end_date); ?> </span></td>
  </tr>
  <tr>
    <td height="20"><div align="right"><span class="style6"><span
class="style8"></span></span></div></td>
    <td><div align="center"></div></td>
    <td>&nbsp;</td>
  </tr>
  <tr>
    <td height="20"><div align="right" class="style8">Estimated Time </div></td>
    <td><div align="center"><strong>:</strong></div></td>
    <td><span class="style7">
      <?
        $hourcount=mysql_fetch_array(mysql_query("select end_date,start_date
from project where prj_id='$prj_id'"));
        $start=date_separator2($hourcount['start_date']);
        $end=date_separator2($hourcount['end_date']);
        $hh=dateDiff("-", $end, $start);
        echo ($hh*8)." hours (". $hh." days)";
        //echo round($hourcount['0']/30, 0);

        ?>
      </span></td>
  </tr>
  <tr>
    <td height="20"><div align="right"><span class="style8">Finalised Amount
</span></div></td>
    <td><div align="center"><strong>:</strong></div></td>
    <td><span class="style7"><? = $dprj->final_amount; ?></span></td>

```

---



```

00"));
                                $d_mod_notdone=$dtask['0'];

                                $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='4' And completed_at='0000-00-
00"));
                                $t_mod_notdone=$dtask['0'];

                                $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='5' And completed_at='0000-00-
00"));
                                $r_mod_notdone=$dtask['0'];

                                $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='6' And completed_at='0000-00-
00"));
                                $m_mod_notdone=$dtask['0'];
                                //=====calculating status of modules
=====

                                $not_start="<img src=../images/not_started.gif width=10
height=11>&nbsp;Not Started";
                                $open="<img src=../images/open_project.gif width=10
height=11>&nbsp;Open";
                                $completed="<img src=../images/completed.gif width=10
height=11>&nbsp;Completed";

                                $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='1' And
task_accepted_by!='0"));
                                if($dtask['0']==0)
                                    $c_status=$not_start;
                                if($dtask['0']<>0)
                                    $c_status=$open;
                                $c_total_task=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='1' "));
                                $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='1' And task_accepted_by!='0'
And completed_at!='0000-00-00"));
                                if($dtask['0']==$c_total_task['0'] and $c_total_task['0']!=0)
                                    $c_status=$completed;
                                $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='2' And

```

---

```

task_accepted_by!='0''));
        if($dtask['0']==0)
            $p_status=$not_start;
        if($dtask['0']<>0)
            $p_status=$open;
        $p_total_task=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='2' "));
        $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='2' And task_accepted_by!='0'
And completed_at!='0000-00-00''));
        if($dtask['0']==$p_total_task['0'] and
$p_total_task['0']!=0)
            $p_status=$completed;

        $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='3' And
task_accepted_by!='0''));
        if($dtask['0']==0)
            $d_status=$not_start;
        if($dtask['0']<>0)
            $d_status=$open;
        $d_total_task=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='3' "));
        $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='3' And task_accepted_by!='0'
And completed_at!='0000-00-00''));
        if($dtask['0']==$d_total_task['0'] and
$d_total_task['0']!=0)
            $d_status=$completed;

        $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='4' And
task_accepted_by!='0''));
        if($dtask['0']==0)
            $t_status=$not_start;
        if($dtask['0']<>0)
            $t_status=$open;
        $t_total_task=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='4' "));
        $dtask=mysql_fetch_array(mysql_query("select
count(task_id) from tasks where prj_id='$prj_id' And phase_id='4' And task_accepted_by!='0'
And completed_at!='0000-00-00''));
        if($dtask['0']==$t_total_task['0'] and $t_total_task['0']!=0)

```

---

```
$t_status=$completed;
```

```

//===== Calculating End date & Days left of
Module=====

//$moncount=mysql_fetch_array(mysql_query("select to_days(curdate())-
to_days(starton) from employee_info where employee_id=$empid"));
//      echo round($moncount['0']/30, 0);

      $dtask=mysql_fetch_array(mysql_query("select
due_date,to_days(due_date)-to_days(curdate()) from tasks where prj_id='$prj_id' And
phase_id='1' order by due_date desc" ));
      $c_end_date=$dtask['0'];
      if($dtask['0']<'1970-00-00 00:00:00')
      $c_mod_end_date='-----';
      else
      $c_mod_end_date=substr($dtask['0'],0,10);
      if($dtask['1']!="")
      {
          if(substr($dtask['1'],0,1)!='-')

              $c_left_days=$dtask['1']." Days left";
          else
      }
      else

      $d_left_days='--';

//=====

      $dtask=mysql_fetch_array(mysql_query("select
due_date,to_days(due_date)-to_days(curdate()) from tasks where prj_id='$prj_id' And
phase_id='4' order by due_date desc"));
      $t_end_date=$dtask['0'];
      if($dtask['0']<'1970-00-00 00:00:00')
      $t_mod_end_date='-----';
      else
      $t_mod_end_date=substr($dtask['0'],0,10);
      if($dtask['1']!="")
      {
          if(substr($dtask['1'],0,1)!='-')
```



```
<td &nbsp;&nbsp;&nbsp;<?=$c_left_days?> </td>
</tr>
<tr style="cursor:hand" height="20" bgcolor="#EFEFEF"
onMouseOver="bgColor='#FFFFCC'" onmouseout="bgColor='#EFEFEF'">
```

---



```

        { $bgcol="#F5F5F5";
        }
        else
        { $bgcol="#EFEFEF";
        }
        ?>
        <tr bgcolor="<?=$bgcol?" style="cursor:hand" height="20"
onmouseover="bgColor=#FFFFCC" onmouseout="bgColor='<?=$bgcol?'">
        <td >&nbsp;</td>
        <td >&nbsp;&nbsp;&nbsp;&nbsp;<? echo $demp->fullname; ?></td>
        <td >&nbsp;&nbsp;&nbsp;&nbsp;<?= $demp->jobtitle ?></td>
        <td >&nbsp;&nbsp;&nbsp;&nbsp;<?= $usr->username ?></td>
        <td >&nbsp;&nbsp;&nbsp;&nbsp;<?= $demp->phone ?></td>
        <td >&nbsp;&nbsp;&nbsp;&nbsp;<?= $demp->email?></td>
        </tr>
        <? $counter=$counter+1; ?>

        <tr>
        </table></td>
        </tr>
        <tr>
        <td colspan="2" bgcolor="#DAE3EF" height="2"></td>
        </tr>
        <tr>
        </tr>
        </table></td>
        </tr>
        <tr>
        <td><table width="98%" border="0" align="center" cellpadding="0" cellspacing="0">
        <tr>
        <td height="1" colspan="2" class="headermenubg"></td>
        </tr>
        <tr>
        <td width="92%" height="30" class="headerbg"><span class="style3">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Task Open
</span></td>
        <td width="8%" class="headerbg"><div align="center"><a
href="task_addnew.php?prj_id=<?= $prj_id ?>"></a></div></div></td>
        </tr>
        <tr>
        <td colspan="2" valign="top" bgcolor="#F5F5F5"><table width="100%" border="0"

```

---







```

    </tr>
  </table></td>
</tr>
<tr>
  <td><table width="98%" border="0" align="center" cellpadding="0" cellspacing="0">
    <tr>
      <td height="1" colspan="2" class="headermenubg"></td>
    </tr>

    <tr>
      <td width="92%" height="30" class="headerbg"><span class="style3">&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;Task Closed
</span></td>
      <td width="8%" class="headerbg"><div align="center"><a
href="employee_addnew.php"></a></div></td>
    </tr>
    <tr>
      <td colspan="2" valign="top" bgcolor="#F5F5F5"><table width="100%" border="0"
cellspacing="0" cellpadding="0">
        <tr>
          <td width="2%" class="headerresultmenu"></td>
          <td width="36%" height="18" class="headerresultmenu" style="border-left-
width:2px;border-left-style: solid;border-left-color:#FFFFFF;"><span
class="style4">&nbsp;&nbsp;&nbsp;Name </span></td>
          <td width="13%" class="headerresultmenu" style="border-left-width:2px;border-left-
style: solid;border-left-color:#FFFFFF;"><span
class="style4">&nbsp;&nbsp;&nbsp;Status</span></td>
          <? $counter=$counter+1; }?>
        </tr>
      </table></td>
    </tr>
    <tr>
      <td colspan="2" bgcolor="#DAE3EF" height="2"></td>
    </tr>
    <tr>
      <td colspan="2">&nbsp;&nbsp;&nbsp;</td>
    </tr>
  </table></td>
</tr>

<tr><td>

```



```
src=../images/completed.gif width=10 height=11>&nbsp;  Completed";
```

```
        $rsquery=mysql_query("select * from queries where  
prj_id='$prj_id' order by query_posted_on desc");
```

```
        $counter=1;  
        while($dquery=mysql_fetch_object($rsquery))  
        {            $mod=0;  
                                $mod=$counter%2;  
                                //echo $mod;  
                                if($mod==0)  
                                { $bgcolor="#F5F5F5";  
                                }  
                                else  
                                { $bgcolor="#EFEFEF";  
                                }  
        }
```

```
        </table></td>
```

```
</tr>
```

```
<tr>
```

```
<td colspan="2" bgcolor="#DAE3EF" height="2"></td>
```

```
</tr>
```

```
<tr>
```

```
<td colspan="2">&nbsp;  </td>
```

```
</tr>
```

```
</table>
```

```
</td></tr>
```

```
<tr><td>
```

```
<table width="98%" border="0" align="center" cellpadding="0" cellspacing="0">
```

```
<tr>
```

```
<td height="1" colspan="2" class="headermenubg"></td>
```

```
</tr>
```

```
<tr>
```

```
<td width="92%" height="30" class="headerbg"><span class="style3">&nbsp;  &nbsp;  <img  
src=../images/arrow_down_white.gif" width="14" height="16" />&nbsp;  &nbsp;  Query Closed  
</span></td>
```

```
<td width="8%" class="headerbg"><div align="center"><a  
href="employee_addnew.php"></a></div></td>
```

```
</tr>
```

```
<?>
```

```
        $rs2=mysql_query("select * from queries where  
query_completed_on!='0000-00-00' and prj_id='$prj_id' order by query_posted_on desc")or  
die(mysql_error());
```

```
        $counter=1;
```

---







```

family:Arial;font-size:8pt;height:18px;width:450px;border:1px solid #999999" ></td>
</tr><tr>
</tr><tr><td height="20" colspan="3"><div align="right" class="style8">
<div align="center">
<input type="submit" name="Submit" value="Add query" />
</div>
</div> <div align="center"></div></td>
</tr>
</table>
</form>
</td>
</tr>
<tr>
<td colspan="4" bgcolor="#DAE3EF" height="2"></td>
</tr>

</table></td>
</tr>
<tr>
<td>&nbsp;</td>
</tr>
</table>
</body>
</html>
<? mysql_close($link);?>

```

## 5.2 Error Handling

Error Handling has been implemented for both client and server sides. Client side error handling has been done with the help of javascript where as server errors are handled by php.

## 5.3 Validation Checks

Validation Checks has been implemented for both client and server sides. Client side error handling has been done with the help of javascript where as server errors are handled by php.

## Testing

### 6.1 Test Case Design and Test Reports

Test Case No	TCT-001	
Functionality		Registration of Company
Environment		Administrator Home Page
Procedure		<ul style="list-style-type: none"><li>Click on create company menu to get the page.</li></ul>

---

		<ul style="list-style-type: none"> <li>• Add a company without filling all the fields.</li> </ul>
Expected Outcome		An error alert message would be displayed showing that please enter the details for registering a company.

<b>Test Case No</b>	<b>TCT-002</b>	
Functionality		Change password
Environment		Change Password Page
Procedure		<ul style="list-style-type: none"> <li>• Click on the preference menu and then change password menu to get the page.</li> <li>• Click on submit button without filling the current password and new password.</li> </ul>
Expected Outcome		An error message will be displayed if the boxes are empty. Similarly if the current password doesn't match with the record it will display error message. Both the new and confirm password must be same otherwise error message will be generated.

<b>Test Case No</b>	<b>TCT-003</b>	
Functionality		Company administrator Login without username, password and company id
Environment		Company Administrator Home Page
Procedure		Click on the login button without filling username,

		password and company id.
Expected Outcome		The administrator cannot logged in and a invalid user id and password will be displayed.

<b>Test Case No</b>	<b>TCT-004</b>	
Functionality		Add Employee without giving details
Environment		Add Employee Page
Procedure		<ul style="list-style-type: none"> <li>• Click on the employee menu to get the page.</li> <li>• Click on the add button to open add employee page.</li> </ul>
Expected Outcome		The company administrator will get an error message as the mandatory fields are not filled.

<b>Test Case No</b>	<b>TCT-005</b>	
Functionality		Add Duplicate Employee.
Environment		Add Employee Page
Procedure		<ul style="list-style-type: none"> <li>• Click on the employee menu to get the page.</li> <li>• Click on the add button to open add employee page.</li> </ul>
Expected Outcome		An error message will be displayed if existing employee is present.

<b>Test Case No</b>	<b>TCT-006</b>	
Functionality		Add Client without giving details
Environment		Add Client Page
Procedure		<ul style="list-style-type: none"> <li>• Click on the client menu to get the page.</li> <li>• Click on the add button to open add client page.</li> </ul>
Expected Outcome		The company administrator will get an error message as the mandatory fields are not filled.

<b>Test Case No</b>	<b>TCT-007</b>	
Functionality		Add Duplicate Client.
Environment		Add Client Page
Procedure		<ul style="list-style-type: none"> <li>• Click on the client menu to get the page.</li> </ul>

		<ul style="list-style-type: none"> <li>Click on the add button to open add client page.</li> </ul>
Expected Outcome		An error message will be displayed if existing client is present.

<b>Test Case No</b>	<b>TCT-008</b>	
Functionality		Add Project without giving details
Environment		Add Project Page
Procedure		<ul style="list-style-type: none"> <li>Click on the project menu to get the page.</li> <li>Click on the add button to open add project page.</li> <li>Click on the drop down menu to select the client for which project is to be assigned.</li> <li>Click on the currency drop down menu to select the currency type.</li> <li>Click on the assigned to drop down menu to select the project manager for the project.</li> </ul>
Expected Outcome		The company administrator will get an error message as the mandatory fields are not filled.

<b>Test Case No</b>	<b>TCT-009</b>	
Functionality		Add Duplicate Project.
Environment		Add Project Page
Procedure		<ul style="list-style-type: none"> <li>Click on the project menu to get the page.</li> <li>Click on the add button to open add project</li> </ul>

		<p>page.</p> <ul style="list-style-type: none"> <li>• Click on the drop down menu to select the client for which project is to be assigned.</li> <li>• Click on the currency drop down menu to select the currency type.</li> <li>• Click on the assigned to drop down menu to select the project manager for the project.</li> </ul>
Expected Outcome		An error message will be displayed if existing project is present.

<b>Test Case No</b>	<b>TCT-010</b>	
Functionality		Add Query without giving details
Environment		Add Query Page
Procedure		<ul style="list-style-type: none"> <li>• Click on the Queries menu to get the page.</li> <li>• Click on the add button to open add query page.</li> <li>• Click on the project drop down menu to select the project for which query is to be proposed.</li> </ul>
Expected Outcome		The company administrator will get an error message as the mandatory fields are not filled.

<b>Test Case No</b>	<b>TCT-011</b>	
Functionality		Add Task without giving details
Environment		Add Task Page
Procedure		<ul style="list-style-type: none"> <li>• Click on the project menu to get the page.</li> <li>• Click on the project as shown below.</li> </ul>

		<ul style="list-style-type: none"> <li>• Click on the add task button to get the page.</li> <li>• Click on the priority and phase drop down menu to select the priority and phase of the project.</li> </ul>
Expected Outcome		An error message would be displayed if either of the fields will be empty.

## 6.2 Test Case Reports

<b>Test Case Ref No</b>		<b>TCT-001</b>
Functionality		Registration of Company
Expected Outcome		Without registration company cannot have access of PMS. Also the company id is unique
SL.No	Data Used	Actual Outcome
1	Click on the add company button without filling the details.	An alert message will be shown that enter the details
2	Already registered a company by same credentials.	Registration could not succeed and a message of company already registered is being displayed.

<b>Test Case Ref No</b>		<b>TCT-002</b>
Functionality		Change Password
Expected Outcome		Without registration company cannot have access of PMS. Also the company id is unique

SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on the preference menu.</li> </ul>	A form came with password change details.
2	<ul style="list-style-type: none"> <li>Click on submit button without filling the current password and new password.</li> </ul>	An error message will be displayed saying check your password.

Test Case Ref No		TCT-003
Functionality		Company administrator Login without username, password and company id
Expected Outcome		The administrator cannot logged in and a invalid user id and password will be displayed.
SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on login button without correct username and password.</li> </ul>	An error message will be displayed saying check your username & password.
2	<ul style="list-style-type: none"> <li>Click on login button without correct company id.</li> </ul>	An error message will be displayed saying check your company id.

Test Case Ref No		TCT-004
Functionality		Add Employee without giving details
Expected Outcome		The employee will get an error message as the mandatory fields are not filled.

SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on the employee menu to get the page.</li> </ul>	Add Employee Page
2	<ul style="list-style-type: none"> <li>Click on the add employee button without giving details.</li> </ul>	An error message will be displayed saying fill the details.

Test Case Ref No		TCT-005
Functionality		Add Duplicate Employee.
Expected Outcome		An error message will be displayed if existing employee is present.
SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on the employee menu to get the page.</li> </ul>	Add Employee Page
2	<ul style="list-style-type: none"> <li>Click on the add employee button</li> </ul>	An error message will be displayed saying employee is present.

Test Case Ref No		TCT-006
Functionality		Add Client without giving details
Expected Outcome		An error message will be displayed as the mandatory fields are not filled up.
SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on the Client menu to get the page.</li> </ul>	Add Client Page

2	<ul style="list-style-type: none"> <li>Click on the add client button without filling the details</li> </ul>	An error message will be displayed saying fill the details.
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Test Case Ref No		TCT-007
Functionality		Add Duplicate Client without giving details
Expected Outcome		An error message will be displayed if existing client is present.
SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on the Client menu to get the page.</li> </ul>	Add Client Page
2	<ul style="list-style-type: none"> <li>Click on the add client button.</li> </ul>	An error message will be displayed saying client already present

Test Case Ref No		TCT-008
Functionality		Add Project without giving details
Expected Outcome		An error message will be displayed as mandatory fields are being not filled.
SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on the project menu to get the page.</li> </ul>	Add Project Page
2	<ul style="list-style-type: none"> <li>Click on the add project button without selecting client, currency type and project manager</li> </ul>	An error message will be displayed saying mandatory fields are empty.

3	<ul style="list-style-type: none"> <li>Click on the add project without filling all the fields</li> </ul>	An alert message will be displayed saying fill all the fields.
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Test Case Ref No		TCT-009
Functionality		Add Duplicate Project.
Expected Outcome		An error message will be displayed as existing project is present.
SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on the project menu to get the page.</li> </ul>	Add Project Page
2	<ul style="list-style-type: none"> <li>Click on the add project button without selecting client, currency type and project manager</li> </ul>	An error message will be displayed saying mandatory fields are empty.
3	<ul style="list-style-type: none"> <li>Click on the add project filling the details</li> </ul>	An alert message will be displayed saying existing project present.

Test Case Ref No		TCT-010
Functionality		Add Query without giving details
Expected Outcome		An error message will be displayed as the mandatory fields are not filled.
SL.No	Data Used	Actual Outcome
1	<ul style="list-style-type: none"> <li>Click on the Queries menu to get the page.</li> </ul>	Add Query Page
2	<ul style="list-style-type: none"> <li>Click on the add query button</li> </ul>	An error message will be displayed

	without selecting client, selecting the project.	saying project is not selected.
3	<ul style="list-style-type: none"> <li>Click on the add query without filling the details</li> </ul>	An alert message will be displayed saying fill the details.

<b>Test Case Ref No</b>	<b>TCT-011</b>	
Functionality		Add Task without giving details
Expected Outcome		An error message will be displayed as the mandatory fields are not filled.
<b>SL.No</b>	<b>Data Used</b>	<b>Actual Outcome</b>
1	<ul style="list-style-type: none"> <li>Click on the add task button to get the page.</li> </ul>	Add Task Page
2	<ul style="list-style-type: none"> <li>Click on the add task button without selecting priority and phase of the project.</li> </ul>	An error message will be displayed saying priority and phase not selected.
3	<ul style="list-style-type: none"> <li>Click on the add task without filling the details</li> </ul>	An alert message will be displayed saying fill the details.

## 7. System Security Measures

Security is of prime importance for this web based/online application, where remote user, located in different geographical region, provides their important and valuable data to the system. To prevent any compromise with the security of the system and integrity of data, a multi-level security system is proposed to be implemented in PMS.

### 7.1 Database/Data Security

Database and data security has been achieved by creating different roles for users. The users are not authorized to view or modify another user data.

### 7.2 Creation of user profile and access rights

Since in this project, following were the security requirements is being considered:

1. Every user has unique login id and password.
2. Any user, if provides, wrong login id and/or password then system provides 3 attempts to the user there after it is redirected to the error page.
3. Session tracking is implemented.
4. Administrator have a right to delete unnecessary information and their data whenever they wish and with prior notification to the concerned persons.

Keeping above factors in mind, the users are divided into following orders:

1. Admin
2. Manager
3. Employee
4. Clients

The above roles pertaining users will be decided by admin only. There will be one admin account after successful installation of project. Further the manager can be added as per role requirement by the admin. The managers and employee are having separate menus to perform their tasks related to Project Management System (CMS).

Clients can view and query to their projects to their corresponding developers and managers. Even they can view the payment they have made to the organization for the project.

## 8. Cost Estimation of the Project

Cost in a project is due to the requirements for software, hardware, and human resources. Hardware resources are computer time, terminal time and memory required for the project. A software resource includes the tools and compilers needed during development. The bulk of cost of software development is due to human resources needed. Cost estimates are determined in terms of person- months.

### Hardware Cost of the Project:

Server:	01 (Qty)	Rs. 100000/-
Clients Terminal:	04 (Min)	Rs. 120000/-
Networking and other Infrastructure requirements	-----	Rs. 40,000/-

### Software Cost:

Software Tools Cost	-----	Rs. 40,000/-
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**Human Resource Cost:**

No of employees :		One
Salary :	-----	Rs. 30,000/-
Total months required to complete the project		Six Months
Cost of Person Work	-----	Rs. 1,80,000/-
<b>Total Cost of Project will be</b>		<b>Rs. 4,80,000/-</b>

Since the organization is having all the infrastructure the cost will be minimized to human cost only i.e. Rs. 1,80,000/-

**9. Future Scope and Further Enhancement of the Project**

Following modules can be added to enhance the features of the CMS.

- Leave module – This module can be added to the CMS for maintaining the leave and attendance of the employees.
- Reminder module – This module can be added to the CMS for giving reminders of the deadline of the projects to the employee or giving deadline to the client for making payment of the proposed project.

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