

ROBO REHAB PROJECT
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Project Plan:

1. A Rehab Science Hospital &
2. A Manufacturing Company

Startup Detail:

Our startup is for our country's Healthcare Development, especially for Rehabilitation Care. In this modern scientific and IT-based world, it is now important to make an interdisciplinary collaboration with healthcare, engineering, and technology to walk on the path of the 4th industrial revolution.

If we notice what happened in the past decade, we find a lot of technological development in the world and also in our country. But unfortunately, in the rehab sector, we are still so backdated, that we even hold on to the 1st backdated industrial era. We have to understand, it is the time of the 4th industrial revolution. When our neighboring countries like India, Japan, Korea are very commonly using all the updated technology in rehabilitation, why are we lagging behind? Our used wheelchair model is so backdated that it is still like we are living in 300 years ago. We must upgrade this sector by following research, science, and technological innovation. Our innovation wants to begin this journey.

We want to implement a new chapter in Rehabilitation by applying - Robotic Rehabilitation, Bionics, Virtual Reality, Neurotechnology, BioPhysical Therapy, Magnetotherapy, and so on. To reduce cost, to create jobs and for our economy, we also have a plan to make a high-tech manufacturing company for this purpose. Finally, we want to create a breakthrough and want to be the leader to make this ecosystem both in BD & in the world.

[Detail in the Video: https://youtu.be/CjOStBBKf_U]

Target Market:

According to WHO, WB & CDD we have now 16M of people who are disabled. Instead of this amount, all of our peoples have a risk to face musculoskeletal, neurological, gynecological, cardiovascular, burning, or orthopedic-like problems. Rehabilitation care is one of the main treatments of procedure which is scientifically and evidently proved for these cases. Our target market is not only these 16M but the full nation of the country. For the manufacturing side, there are more than 1 billion disabled people in the world and with the combination of other conditions, it is more expanded.

[Detail in the Video: https://youtu.be/CjOStBBKf_U]

Business Strategy:

As the problem is in the Rehab sector, our business (Healthcare & Manufacturing) aim is to cover up the whole sector of it. We want to give HealthCare services and Product service by manufacturing the products of Prosthetics, Orthotics, Softwires, Robotics, Tilt Table, Millennial Medical Crutches, XSensor pressure mapping machine, Electric Wheelchair, Glidecycle, Magnetic Therapeutic machine, Shockwave therapy machine, TENS, SWD, UST, IFT, EST Artificial Limbs and so on for the purpose of - Robotic Rehabilitation, Bionics, Virtual Reality Therapy, Neurotechnology on Rehab, Biophysical Therapy, Magnetotherapy, etc.

(1) In the healthcare setting, we want to make a “Rehab Science Hospital”, and it would be the 1st in Bangladesh. Our service will provide not only in Rehabilitation but with a combination of technology, science and research. It’s about the issue of the Healthcare business.

(2) In the Manufacturing setting, after fulfilling the demand of the country we will provide the product all over the world, and it is a rising business in this 21st Century.

[Detail in the Video: https://youtu.be/CjOStBBKf_U]

About Myself:

I am a Physiotherapist (According to the BRC-ACT-2018 I am a Rehab-Practitioner also). Also, an MPH graduate and have professional experience of more than 6 years long. I have my expertise in sports physiotherapy, clinical physiotherapy, and rehabilitation, manual therapy & rehabilitation, according to my professional background. Also, have a few international courses & training certificates. I have been working on a couple of research articles and have a few newspaper features and column articles. According to my 12 years of study, training, work, and research, I think I am very much perfect to establish this idea, which is one of our main professional subject lines.

Please, check out my detailed info from my ORCID profile (if it is needed):

<https://orcid.org/0000-0002-6261-8557>
