

Team name: **Mystrix**

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ABSTRACT

We are very privileged to enjoy all the organs provided by God, but there are many of them who are not privileged of enjoying and experiencing the bodily benefits as compared to us. Technology has a solution for it to some extent, but there are many who cannot afford it. Even though there are many organisations to help them financially, still there are many who are neglected, due to lack of proper link between them.

There is a requirement of some bridging which is needed to be established and be able to reach to all. There are many offline organizations, but the limitation is that they can't be scaled to a greater area. Hence there are many who are suffering to procure the required medical equipments. One of the best methods to solve this problem is to establish a bridge-which is scalable in a larger platform- between people who are willing to donate and people who are in need of help. We can use available technology to address this issue.

INTRODUCTION

India is a developing country. There are an equal number of rich and poor here. People who are willing to donate cannot reach people who are in need due to lack of awareness of location of people. A platform which completely focuses mainly on assisting differently-abled people to procure the necessary equipments is not existing. Such a platform can act as a bridge between the two.

We build a platform that mainly focuses on helping physically and mentally differently-abled people who cannot afford necessary procurements for assisting their disability. This Web application will contain the details of patients, their disability and the required help in databases. People who are ready to help, visit our website and help the differently-abled people procure equipment with just a couple of clicks. Anyone can contribute as much as possible by them.

MOTIVATION

Whenever we saw differently-abled people, we always wanted to contribute towards them. Right now, having knowledge of technology, we can at least help them in finding the right donors for procurement of equipment and also financial help for surgeries. There are many out there who would be wanting to help, but due to their busy life, they expect smoothness in the process. With our web application, everyone can make contributions from any part of the world with just a couple of clicks.

Such a platform also improves the business of medical equipment vendors who would have joined hands with us in our platform, as donors contact the vendors to provide the equipment. This will also contribute towards of Make in India as we would like to majorly tie up with Indian medical equipment vendors.

Donors can feel the satisfaction of doing good to the needful. This becomes such a platform where everyone can be benefitted.

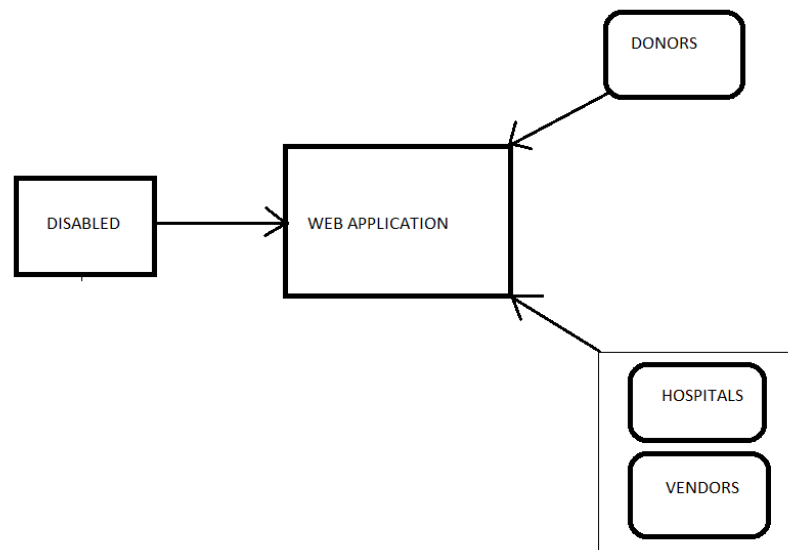
SOCIAL IMPACT

1. People with disabilities can get some hope in their life when they have the necessary equipments to cope with their disability.
2. The gap between rich and poor will reduce as there is better reach between them.
3. Peace and harmony can be established in society through proper collaboration of many sectors.
4. Increase the production of Indian goods.

MARKET SURVEY

There are very few such platforms in the market and also many people do not know about it. Since this is an online platform, it can easily reach out to many people. We can make it reach people through digital marketing and target the required audience by posting ads in the relevant websites. Such a platform can target medical devices and hospitals sections of the market. This platform is unique in its own way.

METHODOLOGY



Block diagram

Overview:

Differently-abled people who are in need of medical equipments and surgery can register themselves in the web application by uploading suitable documents (along with doctor prescription). The registration process can be done by themselves or even at hospitals (in case they are poor in using technology). Our platform would tie up with vendors (service providers) who provide the medical equipments. . Donors can help the differently-abled by buying them the required equipments from such vendors by transferring money to the vendor's account. We aim to tie up with almost all hospitals specialized in treating physically / mentally differently-abled. This provides an opportunity for donors to help with clearing bills of patients by transferring money directly to hospital management. This helps in avoiding transfer of money directly to the patient's account which increases the trust of donors on our platform.

The interaction is given as follows:

DIFFERENTLY-ABLED:

They will be classified as mentally differently-abled/ physically differently-abled (deaf/ dumb/ handicap).

There are two sections where they post things:

1. *Profile section*: It contains name, gender, date of birth, ID proof, medical report including doctor's prescription, the amount spent per month on treatment, income certificate, classification details.
2. *"help" section*: This section deals with the problem faced by the person in need of help.

DONORS:

Donors who are willing to donate are given two options:

1. *Sponsor medical equipments*: whenever a person asks for medical equipments, he will be linked to respective service provider (vendor) tied up with us. The donor is asked to send money directly to the vendor.
2. *Sponsor money for treatment*: whenever a person is undergoing treatment, the donor is asked to send money to the hospital's bank account tied up with us.

SERVICE PROVIDERS:

They are vendors dealing in medical equipments for aiding differently-abled people. All these vendors who have joined hands with the platform will get a chance to sell their equipment whenever a donor is willing to donate equipment. This will grow their business as well.

HOSPITALS:

The primary aim is to join hands with almost all hospitals specialized in treating differently-abled people in India so that patients find it easy to register to the platform in case they don't have access to technology. This also helps donors to pay hospital bills of registered patients from any part of the world by transferring money directly to the hospital. As more hospitals join hands, more patients can be benefitted and also increases the overall efficiency of the platform.