# *i*SUPPORT – A FUNDRAISING WEB APPLICATION

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*Abstract :* We have many non-profit organizations like NGOs to help the people who are in need of financial assistance, food and shelter. But, NGOs can't reach out to every individual and also they are not available in every locality. Donors, who are willing to help our community and not knowing how to assist, might tend to give money to untrusted people because of which the money may not reach the intended recipient. We have also seen that due to COVID pandemic, many are in need of financial assistance and they are not aware of how to approach and get the donation and here is why we are coming up with our website - *i*support to provide the required assistance to the people. *i*Support is a non-profit organization system, which provides an interface between recipient and donors and makes it easier to help those who are going through difficult time. Our idea is to develop a platform to link donors and individuals and this is also what the charity management system will actually do.

*IndexTerms -* fundraiser, donor, financial assistance.

## I. INTRODUCTION

To assist people who want to donate and people who need financial assistance, we are building a fundraising management system. There are few online fundraising web applications. The method used in paper [1], is to identify the effectiveness of one of the online fundraising sites developed in Indonesia, as well as the benefits provided by the site. This research was conducted by discussing the Purpose of Donation, Donation System, and Payment Method that was carried out using the application.

In paper [2], author has discussed the Fundraising Methods. The term 'fundraising methods' refers to the tactics used by charities to generate current or future monies and gifts in kind to provide services to clients, fund research, and cover administrative costs. This paper traces the evolution of fundraising data collected by Canada Revenue Agency (CRA) over the last ten years, compares definitions employed by CRA with examples drawn from the academic and practitioner literatures.

Paper [3] discusses about the Online Fundraising for Nonprofit Organizations. The Internet provides nonprofit organizations with unprecedented opportunities for fundraising. The volume of online donations has been miniscule. Since one reason for this may be people's distrust in financial transactions on the WWW. A survey was conducted to gain insights into user trust in and attitudes toward online payment systems. The results indicate that people's trust in both the organization and the Internet are key factors in shaping their attitudes toward online payments, which in turn influences people's likelihood of using the Internet for financial transactions such as donations.

The objective in [4] is to find the correlation between the average income and online donation as well as an underlying relationship between trust and online donation. Besides that, trust, brand image as well as average income of customer provide an explanation for their charity behavior and explores the role of key factors that influence on donation fields. There is a clear theoretical as well as practical understanding of online donation of bank customers and the effect of donation fields.

## II. PROPOSED WORK

Our system is non-profit organizational system in which non-governmental organizations and donors can come in and request and donate funds. Our main objective is to create an online payment, donation request page, allowing users to go through the funding and other donation system.

*i*Support, our website will provide facilities to two users- one is the donor and the other one is donor recipients. So, our website is providing the facilities to donor recipients by giving them a platform to raise the fund by choosing a category and giving the proper description of their cause and attaching documents related to it along with their personnel details. For fund raising, they have to provide their own payment method (UPI, bank details) as money will be directly credited to their account. Our website is a mere medium between the donor and donor recipients. As donation is an act of kindness, donors will get a feed of different categories of donation and according to their will they can donate up to any amount. There are no minimum criteria for donation but, they have to provide their name so that we can generate a proper donation certificate in name of our website as a kind of appreciation from *i*Support.
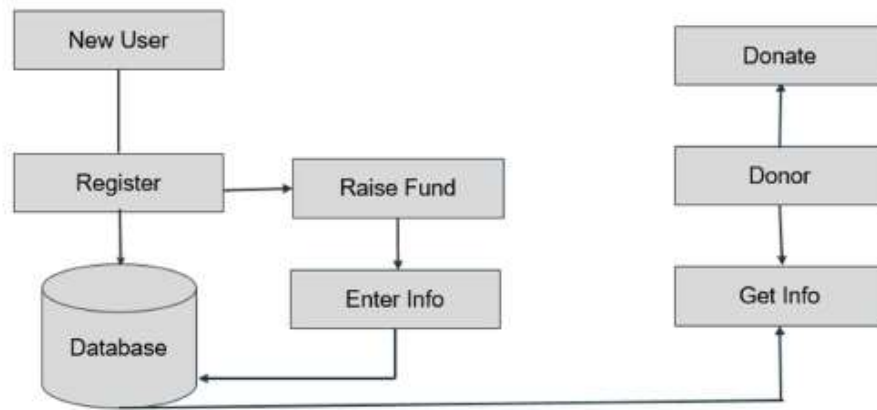
**Figure 1:** *User interaction with database.*

In figure 1, the interaction of user with the database can be seen. User can raise fund or can donate as well. If the user decides for fundraise, then he has to first fill the form to provide the information about the cause for raising fund. Donors can view this information and can donate any amount they want.

## III. IMPLEMENTATION AND RESULTS

### 3.1 TECHNOLOGY STACK

To ensure a standardized object-oriented program in its entire ramification, the programming language and concepts such as Firebase, Visual studio Professional, JavaScript, Nodejs, and Windows 10 operating system are used.
The major requirements for the smooth use of this system are better described as follows:

Software Requirements: The following softwares are required for the adequate implementation of the design.
- Windows operating system (windows 10)
- Visual Studio Code (for coding)
- Bootstrap (for templates)
- Nodejs (for server)
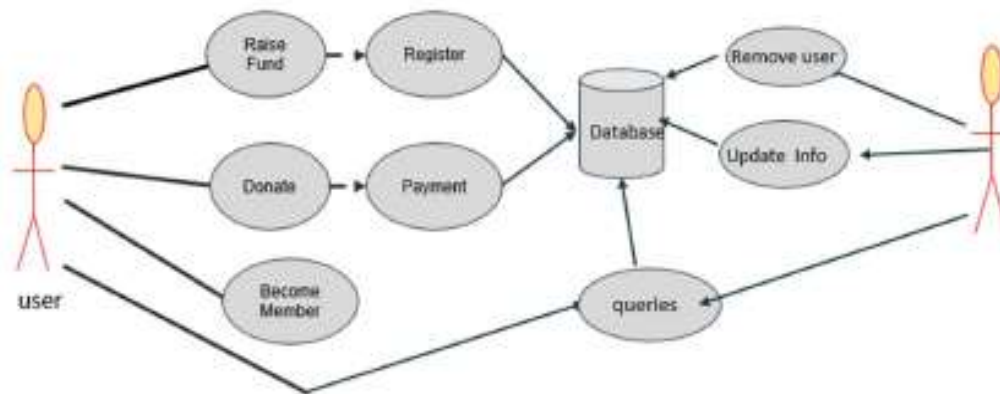- Firebase(for database)

### 3.2 IMPLEMENTATION



**Figure 2:** Use case diagram – user and admin.

The use case diagram depicted in figure 2, shows the interaction between the user and the admin. Both can use the database simultaneously. The recipients save their details in the database which can be read by the donor. The admin has the access to modify and delete the contents of the database.

### 3.3 RESULTS

When a fund is raised by the user, *i*Support will store appropriate details of the user, also the amount and time validity for the fund to be collected. Users should upload proper medical certificates along with their live image capture to reduce the fake fund raising posts. Donation recipient can stop or end the fund raising process in middle if not necessary further. The amount donated by donor will be directly credited to the recipient. As the donor details and donation details are stored in the database, the donor will get an appreciation certificate through mail after completion of donation. There will be a community of *i*Support available and interested user can join the community section by filling the details which will be stored in the database that will redirect to the specific Telegram page. It will provide a help chat system for customers by taking queries and resolving it as early as possible. When the amount bar set by the recipient gets completed, his fundraising process stops and no further amount of donor could be donated for that cause.

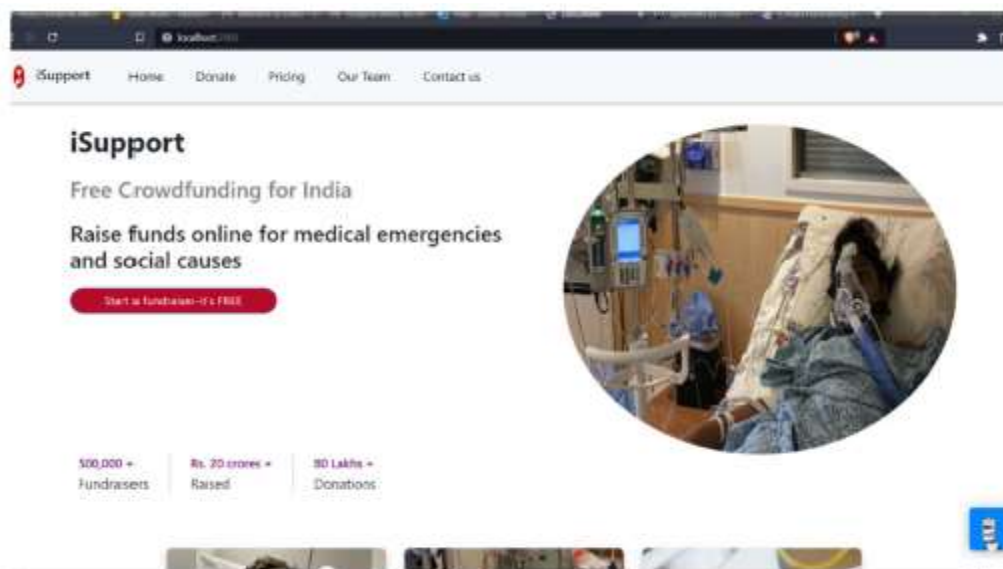Following are few snapshots of our *i*Support website.
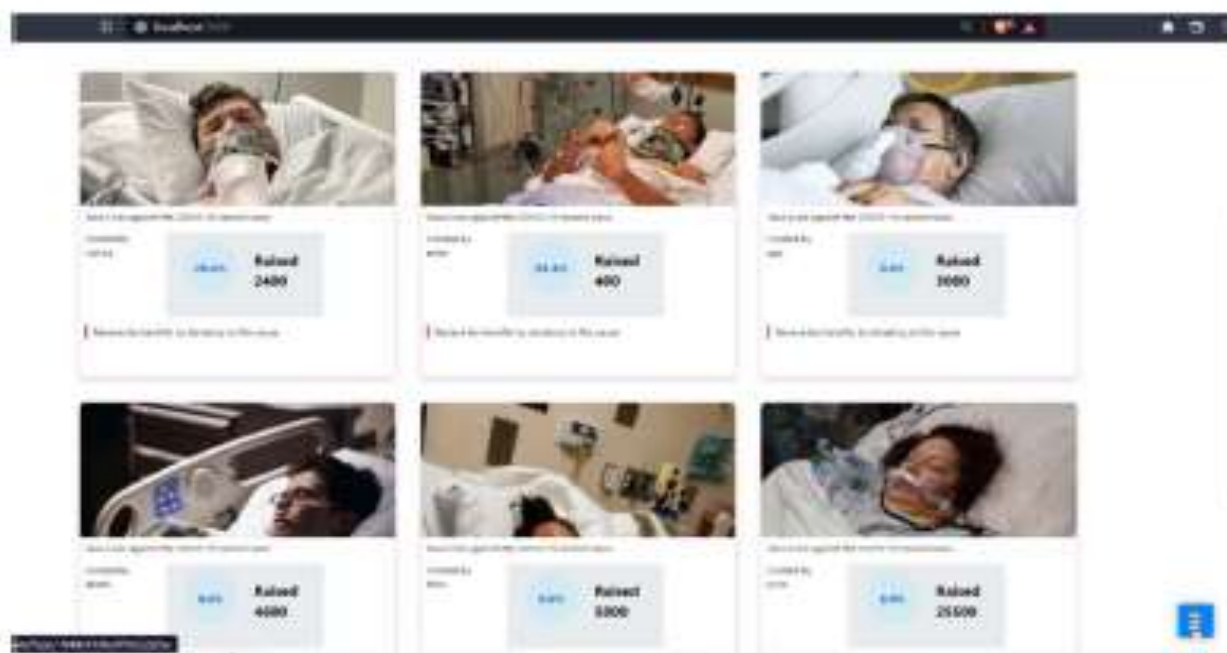


**Figure 3:** *i*Support home page.



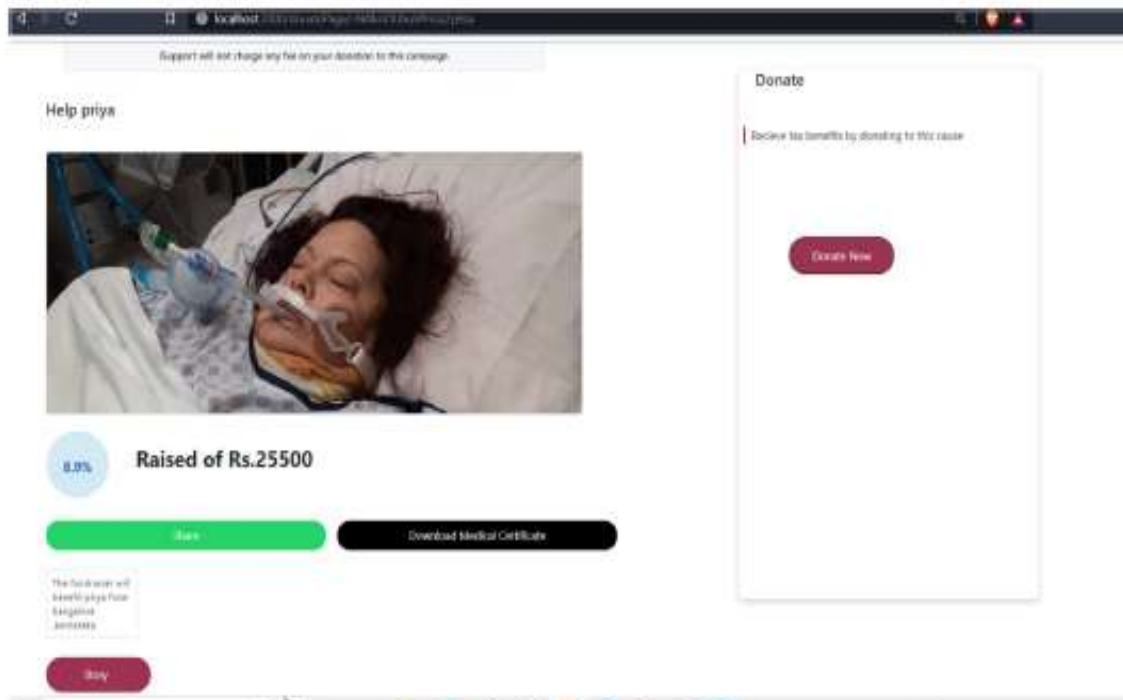**Figure 4:** Top six Fundraisers of *i*Support.
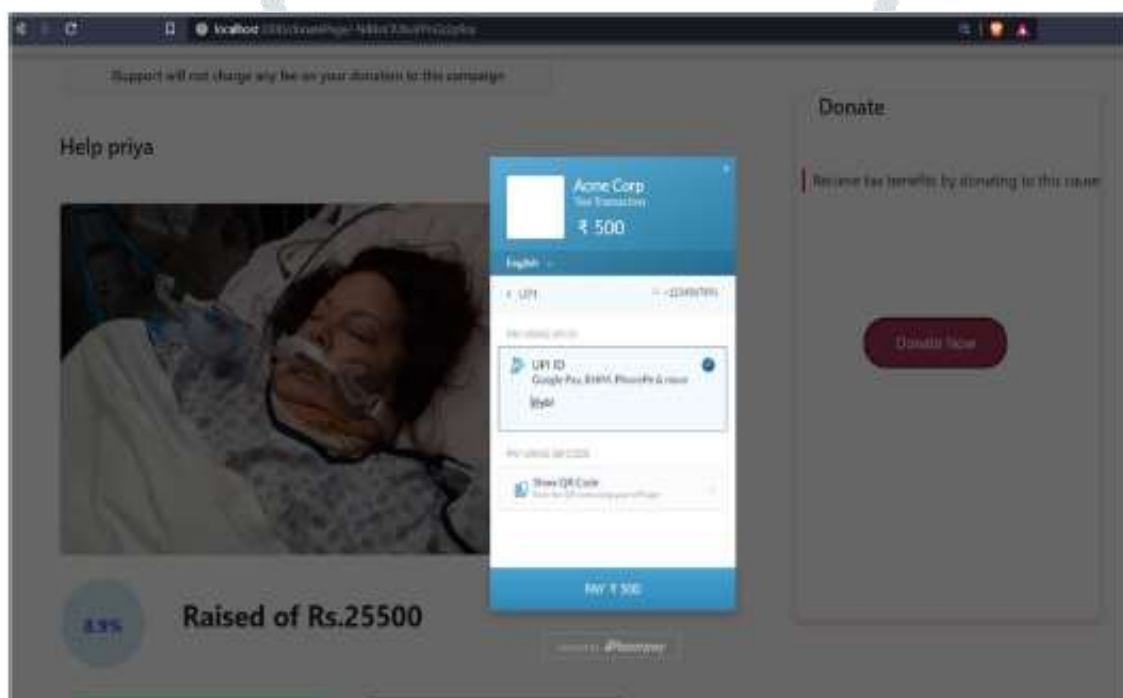
**Figure 5: Donation to the fund raiser.**



**Figure 6: Payment Methods - UPI, Credit Cards, Netbanking**

## IV. CONCLUSION

The existing fundraising websites provides the fundraising options. But it is quite difficult to apply and a lengthy procedure as well. Our website *i*Support, provides the people a hassle free and quick way to reach the people in need and also helps donors to donate up to any amount. It provides a transparent, straightforward approach for the people to build their trust in our website. *i*Support is an user-friendly interface for the donors and the recipients.

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