MINI PROJECT (2020-21)

Find Fortune

(Donation Management System)

MID-TERM REPORT



Institute of Engineering & Technology

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Abstract

"Find Fortune" is a Online Donation Management System project is to develop a web application that satisfying the requirements of needy organizations through donations over the net and by making this project NGOs will get donors easily and Donor can donate things to needy people just by sitting at home so that we help needy people.

In highly populated countries like India, food, cloth and books wastage is a disturbing issue. The streets, garbage bins, and landfills have ample proof to prove it. Marriages, canteens, restaurants, social and family get-togethers and functions expel out so much food. Food wastage is not only an indication of hunger but also of many economic problems. The high standard of living has resulted in the wastage of food, clothes, etc. Because of quick changes in habits and lifestyle. Instead of wasting these things we can put them in use by donating them to various organizations such as orphanages, old age homes, etc.

The sharp increase in the amount of wastage in terms of food, clothes, books, etc. makes the need for charity in terms of donation. This project presents a new internet-based application that provides a platform for donating old stuff and leftover food to all needy people/organizations. It provides information about the motivation to come up with such an application, thereby describing the existing donation system and how the proposed product works for the betterment of society. The product is shown to be an effective means of donating things to organizations, etc. over the internet. It shows the potential for avoiding the wastage of food, clothes, books and other stuff.

Introduction

1.1 General Introduction to the topic

"Find Fortune" is a type of non-profit Organization to provide a web site implementation of social services for the needy and low-income families. Charity is an act of kindness, where a person who has financially more than enough of what he or she needs contributes a part of his or her surplus income for the fulfilment of the needs of those who are less capable. The majority of NGOs has experienced difficulties in getting funds, as many charity organisations are making a big effort to collect donations.

It is quite costly and inefficient for charity organisations to do on-door envelope distribution and collection. While many people have unwanted things at their homes, they couldn't donate due to time limitations.

Getting donor is a very hard task nowadays so this donation management system will help to find donors easily. Also to help charity organisations to provide better management of their resources and only make necessary door to door collections.

Proposed System:

The application shall ask the user/donor to register his/her details into the system and then he/she can login and put up items to donate. Similarly, organizations can register in the system and then put up their item requirements. Also, a donor can view the list of items put up by seekers and can donate the same, if possible. In the same way, seekers can view the list of items put up by donors and if required, can claim the donated item by contacting the donor.

The application is developed using web core languages. The main objectives of the proposed application include a reduction in wastage of food, making food, making food, clothes, etc and provide proper requirements to the donor for the donation which is available to orphanages, old age homes, and other such organizations, which will also inculcate values of sharing and sensitivity among people.

1.2 Area of computer science:

This project is about exploring areas in human computer interaction and web development, and therefore relevant to a number of areas within computer science. Full stack web developers have the ability to design complete web application and websites. They work on the frontend, backend, database and debugging of web application or websites. It refers to the development of both **front end**(client side) and **back end**(server side) portions of web application.

Front end: It is the visible part of website or web application which is responsible for user experience. The user directly interacts with the front end portion of the web application or website.

Back end: It refers to the server-side development of web application or website with a primary focus on how the website works. It is responsible for managing the database through queries and APIs by client-side commands. This type of website mainly consists of three parts front end, back end, and database.

1.3 Hardware Requirements

Processor : Intel Dual Core or More

Processor Speed: 1.6 GHZ

RAM : 8 GB

Hard Disk : 20 GB of free space

1.3 Software Requirements

Operating System : Window XP and higher

Front End : HTML, CSS, Java Script, Bootstrap

Back End : SQL Server, PHP

1.3 Tools and Technology:

- Windows 10
- VS code
- SQL Server(XAMP)

Technology:

- **SQL:** SQL is a structured query language used for querying database.
- **CSS:** CSS is cascading style sheet which is used to give designer look to HTML using the external file.
- **PHP:** Hypertext Preprocessor is a server-side scripting language designed for web development but also used as a general-purpose programming language.
- Java Script: JavaScript is a dynamic computer programming language. It is lightweight
 and most commonly used as a part of web pages, whose implementations allow to make
 dynamic pages.
- **HTML:** Hypertext Markup Language is the standard markup language for creating web pages and web application. HTML element are the building blocks of HTML pages. With HTML constructs, image and other objects, such as interactive form.
- Bootstrap: Bootstrap is a free and open-source CSS framework directed at responsive
 , mobile-first front-end web development. It contains CSS- and (optionally) JavaScriptbased design templates.

2. Problem definition:

Many people donate to charity, and many of them make regular donations whether its money, clothes or other items. Also, many charity organisations provide a door to door collection service for donations however this is something businesses are trying to reduce as it is not environmentally friendly. Charities issue bags to houses in certain areas near to them, then they have to make door to door collections in that area and sometimes there is nothing to collect then a website that tells charities where there are available pickups is ideal.therefoe,we propose to build a charity management system for the distribution of donation between charities, giving people the ability to notify about the surplus, and to inform about the poor who need help.

3. Objectives

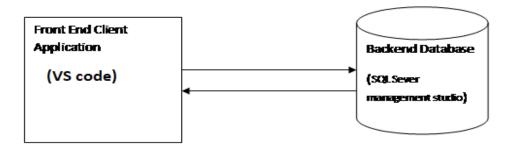
- The objective of this project is to satisfying the requirements of needy organizations through donations over the net and to help those people who seeks help from others so our project is all about designing a website showing the donation management system, to enable every person/household to donate anything easily.
- Development of income resources(donation).
- Management and Distribution of contributions to all the needy and low income families.
- Optimum provision and utilization of operational, physical, and human resources.
- Organization and maintenance of facilities and family;s data to allow the ease of their access.

4. . Implementation Details:

User requirements:

Functional requirements

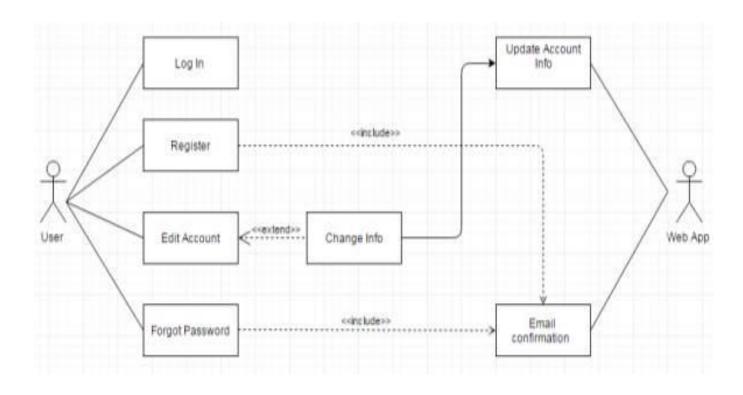
- The system should give the site management admin the authentication issues in the system.
- The system should give the site management admin the ability to check balance.
- The system should give the admin of any charity organization the ability to register and create it is own profile on the website.
- The system should give the donars the ability to use any technical electronic payment Medias (credit cards,debit cards,master card and Visa) to pay the money for the charities.
- The system shoul give the admin of site the ability to choose the part which interests to help them (individual, emergency, organization).



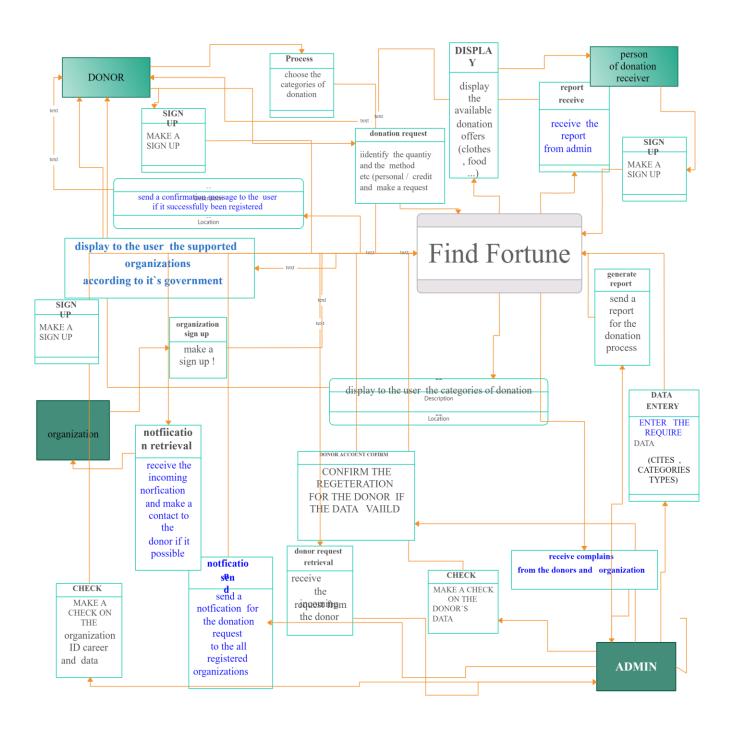
Non-Functional requirement

- **Security:** The most important non functional requirement, because the system has electronic payment Medias, so the system has to protect the volunteers from the electronic theft.
- **Availability**: The system should be available 24 hours.
- **Usability**: The system should be easy to understand by all the users and volunteers.
- **Maintainability**: the system should have the capability to be modified.

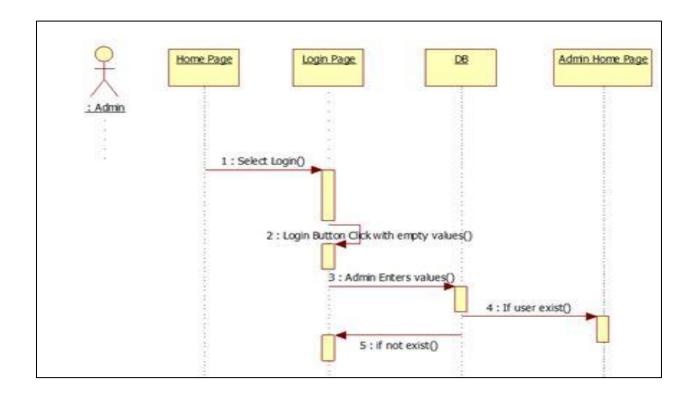
Use Case Diagram:

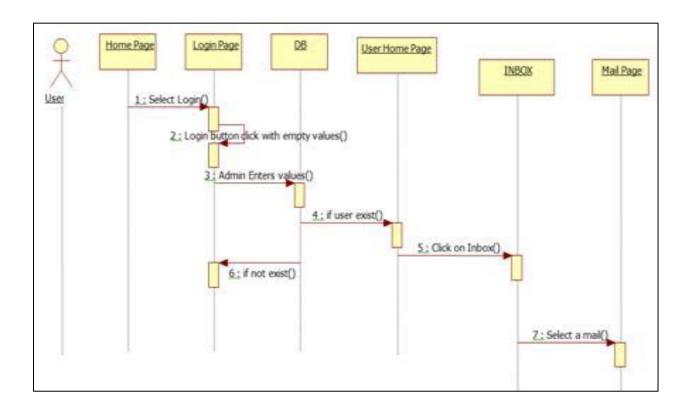


ER Diagram:



Class Diagram:





5. Progress till Date:

Frontend

- Create navbar and footer.
- Create login and signup page.
- Create Home page.
- Create three registration Form.
- Create Contact Page.
- Create About Us Page.
- Create FAQ page.
- Create Docharity Page.

The Remaining work:

Frontend

• Create Dashboard or My account page.

Backend

- Connect all the buttons on form with backend.
- Make payment gateway.
- Create backend for dashboard.

6. Some Screenshots:

Find Fortur	ne	ABOUT PAGE	SIGNUP LOGIN	FAQ CONTACT US		
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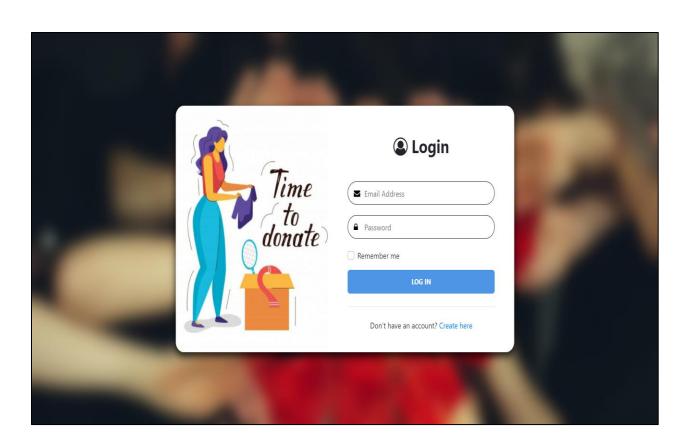
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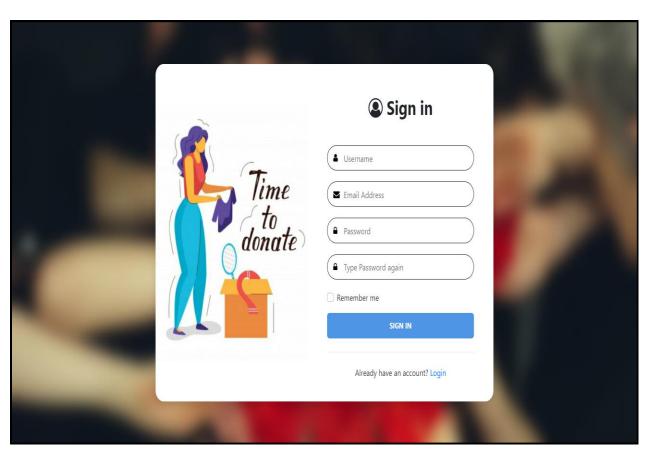
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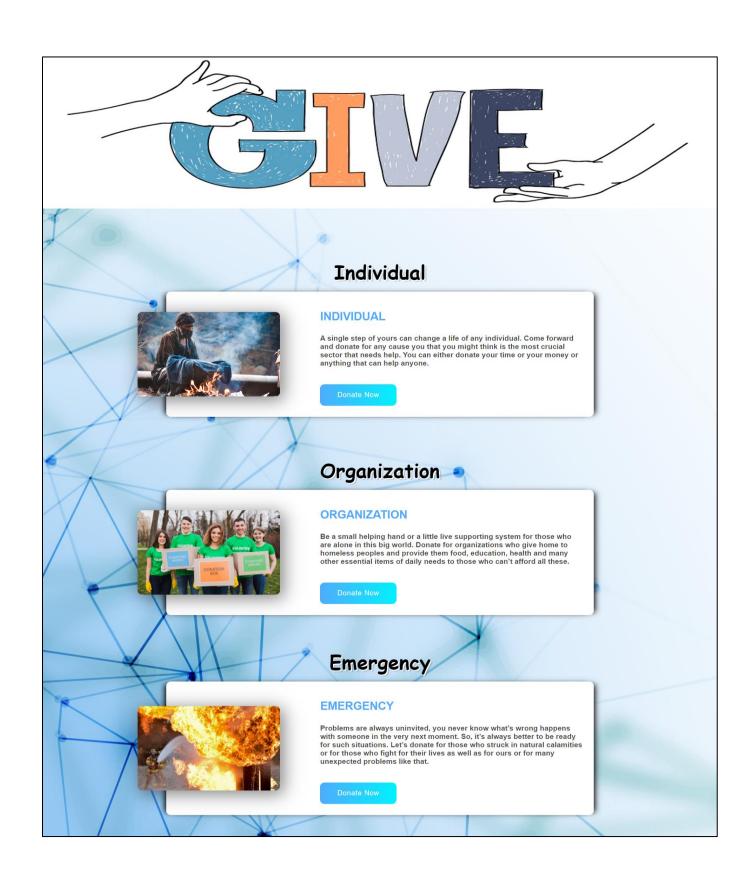
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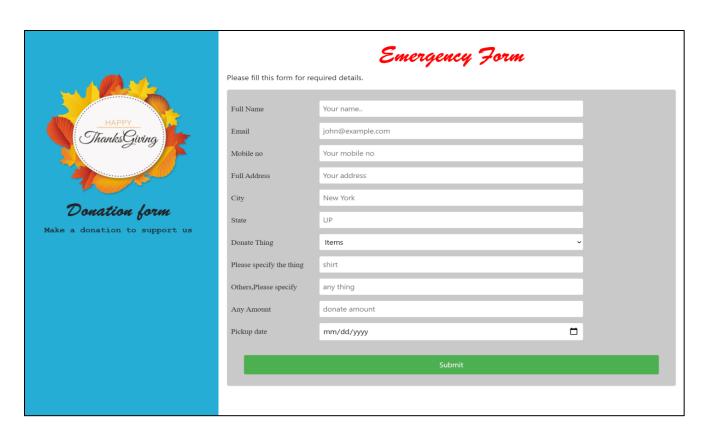


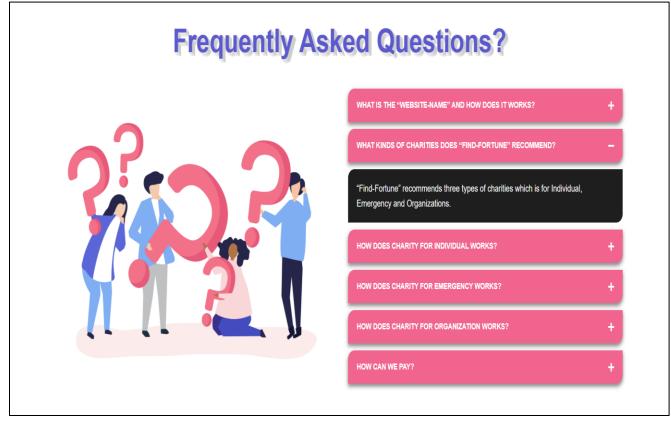


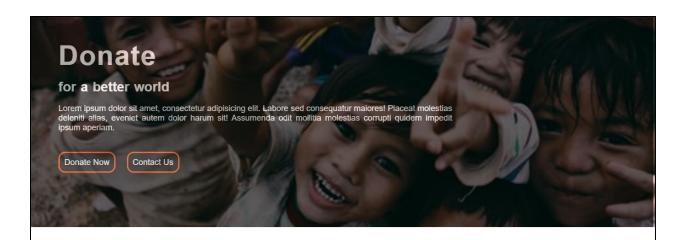


		Individual Form		
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Thanks Giving Donation form	Full Name	Your name		
	Email Mobile no	john@example.com Your mobile no	_	
	Full Address	Your address		
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	State	UP		
Make a donation to support us	Donate Thing	Items	•	
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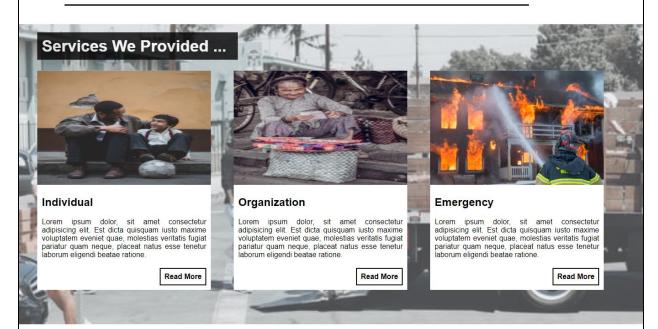






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Our Team



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Nandinee Gupta

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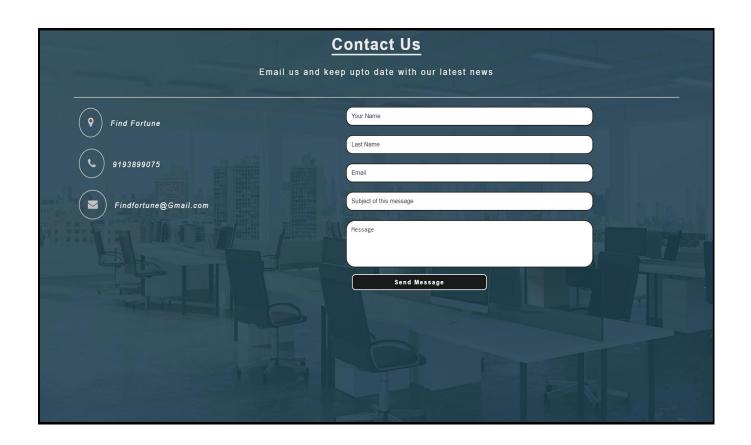
Roshni Rawat

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Neeti Jain

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7. References:

- www.goggle.com
- www.beta-labs.in