Charity Management System

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Contents

1. Objective and Scope

The objective and the Scope of the project is to build Charity Management System that refers to a specialized software application designed for to raise funds and manage users, majorly the non-profit sector in any industry. In this the user can log in using their credentials and make donation for our charity.

The main objective of our charity is to do services for poor people and also for orphanage peoples by providing money, foods, clothes, education and medical expenses.

In this application the user can only donate money for our charity. By collecting those amounts, we buy foods, clothes, medical expenses and donate to Homeless people, Orphanage people and also for Visually challenged people. We also give education for poor children and do medical expenses for old peoples.

This application includes two modules

- Admin

- User

1. Admin will login the website to add, delete and update events.

2. Admin will accept or reject the appointments according to the available dates.

3. Admin will also manage Donation funds and Membership.

4. User will login the website to make donation, give review, ask appointment to donate in a particular day and also be a member of our charity by choosing the Membership type.

2. Project End Users

Users can log into the website and can make the donation process directly or ask appointment for the donation.

3. Features

3.1 Login to the system

Each and every user should be authenticated with an Email and Password to login into the system.

Validations for User Name and Password.

Email: It accepts only Alphabets, Numbers, @ symbol.

Password: It can be anything of the users' choice.

(Next release we have plan to integrate IDM for windows authentication)

3.2 Home page

The homepage consists of "About us", "Charity", "Our services"," Contact us" and "Login"

1. About page tells the entire information of our charity.

2. In charity page we can see the upcoming events of our charity. The event denotes the important days like New year, Diwali, Pongal etc. On those important days the charity definitely does services for people by donating food, money, cloths etc. This page also includes the Membership and Appointment details.

3. Our services page talks about what services we done so far.

4. In contact page user can contact us through contact form.

5. If the user, already have an account he/she can login directly otherwise they need to create account and then login to our website.

3.3 Donation Process

1. The user clicks the donate now button user will visit the donation form. By filling the details, he can donate for our charity.

2. This also includes payment methods like credit card/debit card and UPI transaction.

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3.4 Client's Review

1. The user can give review for our website and also give comments in the comment box.

2. The user also gives us rating ranges from 1 to 5.

3.5 Appointment

1. In this Appointment section the user can ask appointment for a particular day to donate for the charity

2. The user will receive the appointment status in the profile section.

3.6 Membership

1. In this Membership page the user can be a part of our charity by choosing the membership type. Example: Platinum, Gold and Silver Membership

2. User can renew the membership after the due date.

3.7 Our Services

1. In this service page we can view the entire services and donated items of our charity.

2. In this page we can see the count of how much students get educated by our charity and how many foods we donated so far.

3.8 Contact us

1. In this page the user can contact us through Mail, WhatsApp, Instagram, LinkedIn, Twitter, Facebook.

2. They can also clarify their queries by filling the contact form.

4. Functional Requirements

➢ Functional requirements define a function that a system or system element must be qualified to perform.

➢ The functional requirements describe the behavior of the system as it correlates to the system's functionality.

➢ They are basically the requirements stated by the user which one can see directly in the final product

The functional Requirements of Charity Management System are

- Login

- Register

- Homepage

- Donation Process

- Membership

- Appointment

- Our Services

5. Non-Functional Requirements

➢ These are basically the quality constraints that the system must satisfy according to the project contract.

➢ The priority or extent to which these factors are implemented varies from one project to other.
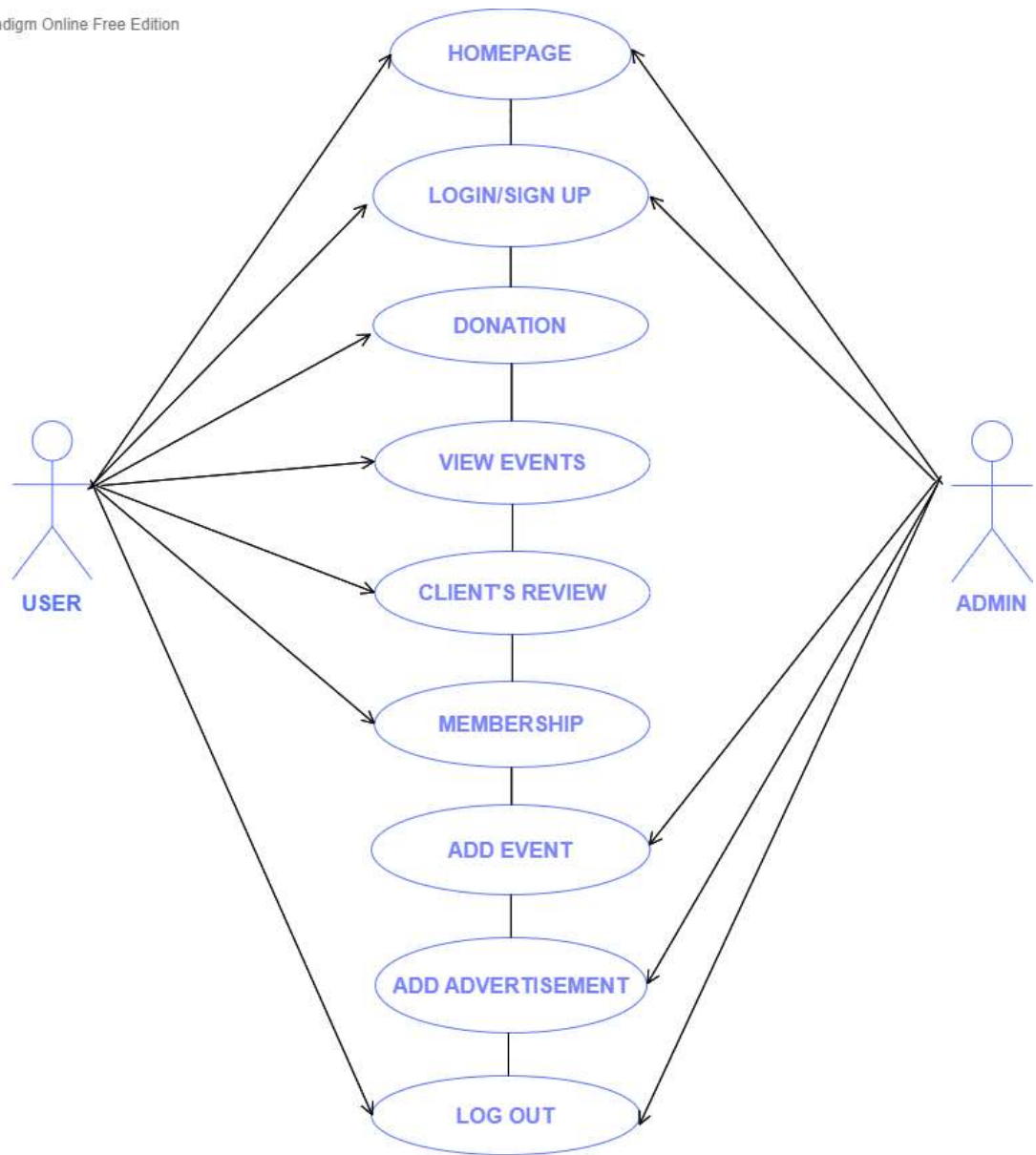
The Non-functional Requirements of Charity Management System are

- About Page

- Contact Page

- Client's Review
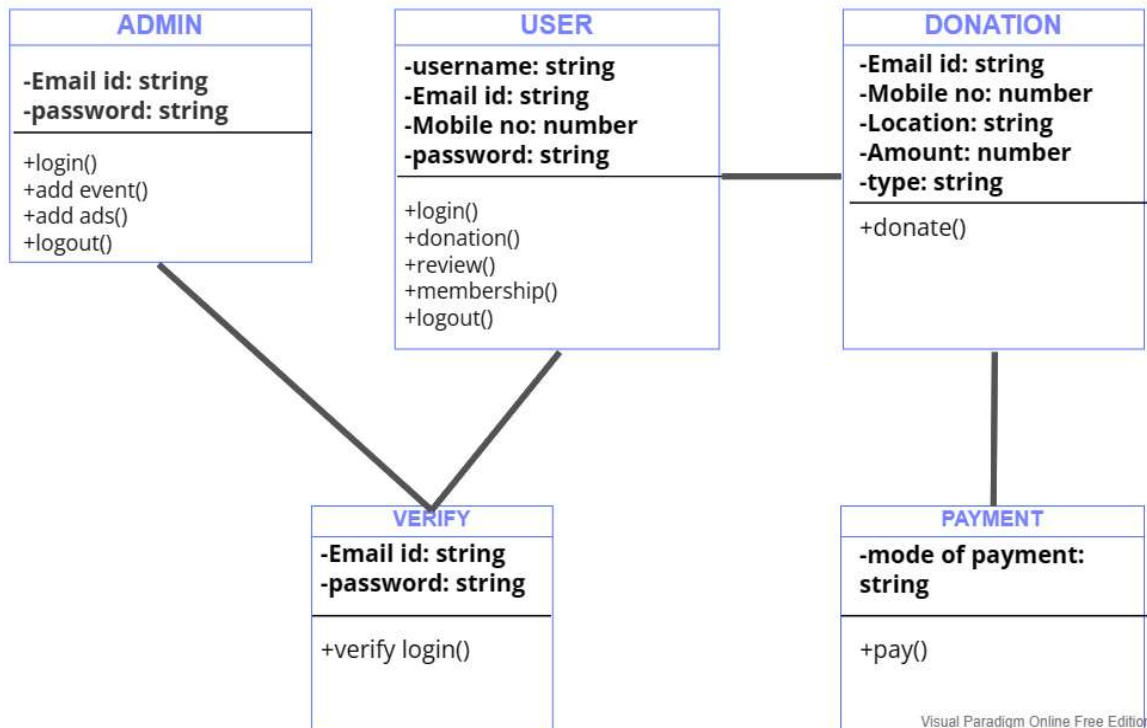
6. Diagrams

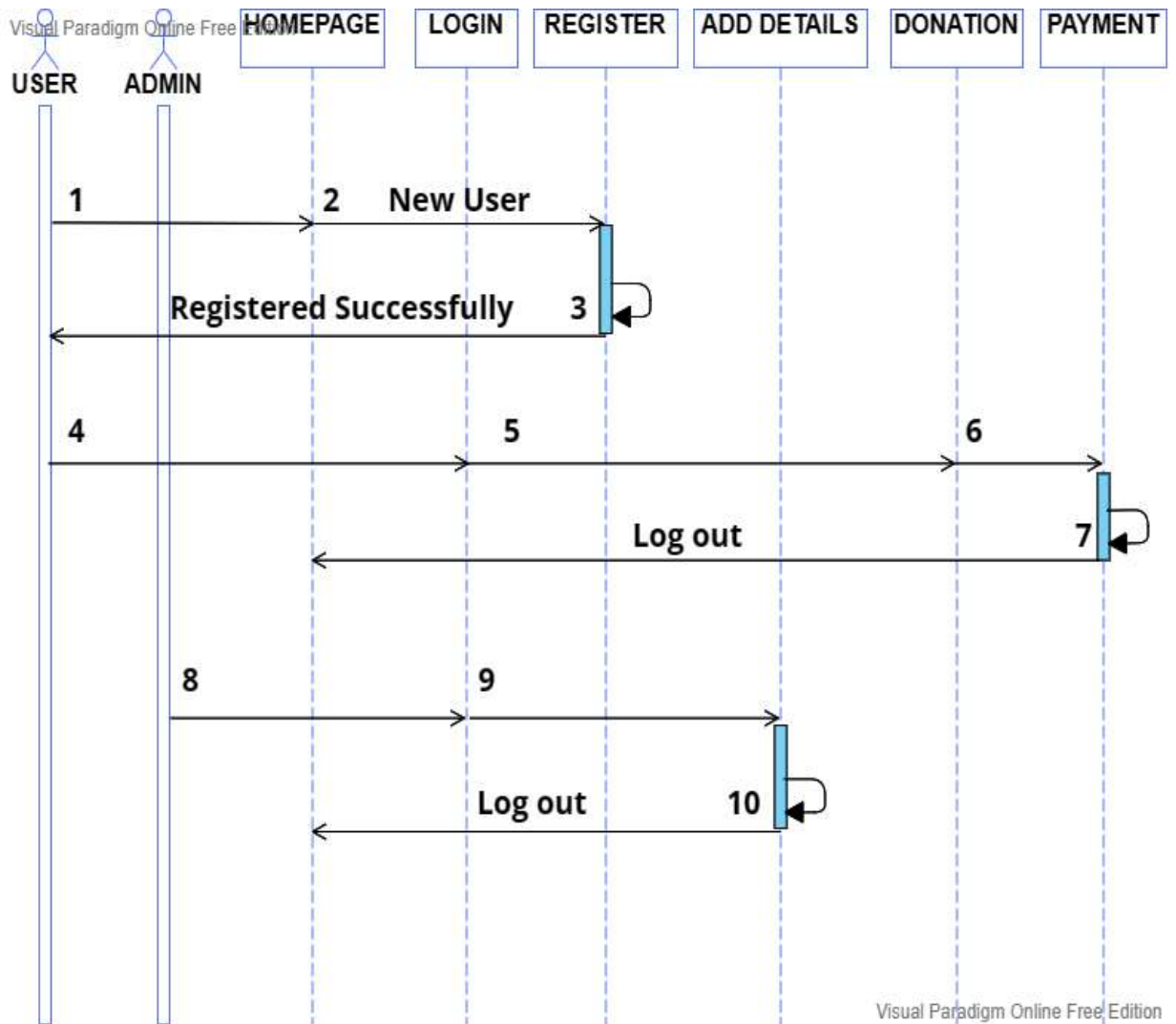## 6.1 Use case diagram

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HOMEPAGE

LOGIN/SIGN UP

DONATION

VIEW EVENTS

USER

CLIENT'S REVIEW

ADMIN

MEMBERSHIP

ADD EVENT

ADD ADVERTISEMENT

LOG OUT

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6.2 Class diagram

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ADMIN

-Email id: string
-password: string

+login()
+add event()
+add ads()
+logout()

USER

-username: string
-Email id: string
-Mobile no: number
-password: string

+login()
+donation()
+review()
+membership()
+logout()

DONATION

-Email id: string
-Mobile no: number
-Location: string
-Amount: number
-type: string

+donate()

VERIFY

-Email id: string
-password: string

+verify login()
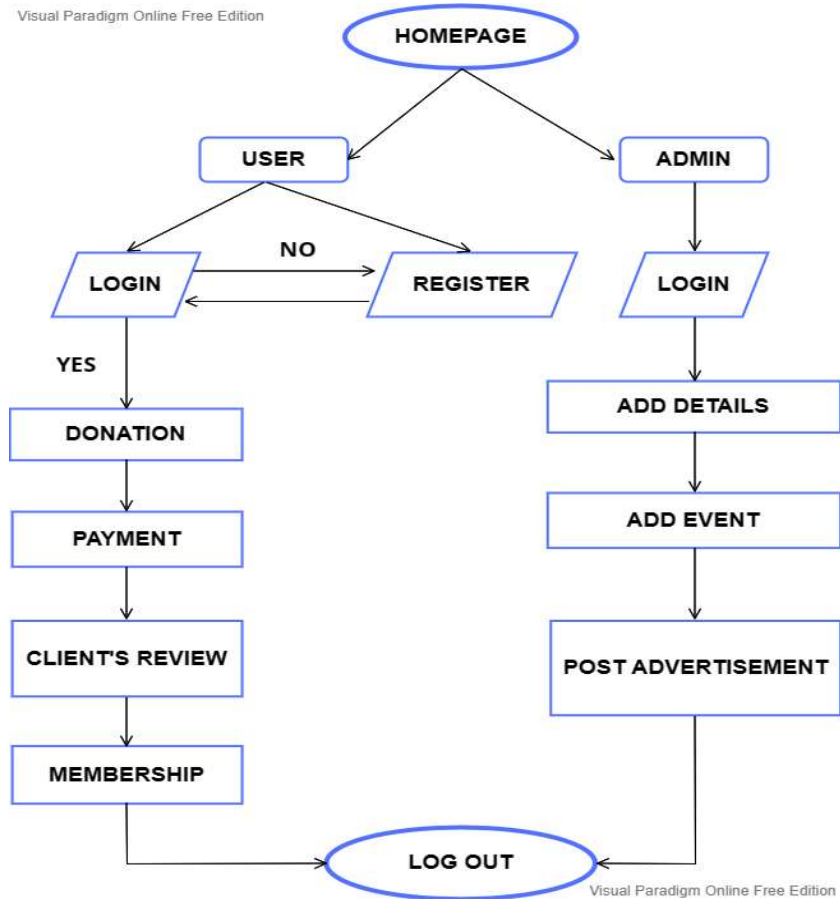
PAYMENT

-mode of payment:
string

+pay()

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6.3 Sequence diagram

6.4 Flow Chart

6.5 Entity Relationship diagram

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HOMEPAGE

ADMIN

USER

EMAIL ID

NAME

NAME

EMAIL ID

MOBILE NO

PASSWORD

MANAGES

ADD DETAILS

ADD EVENT

POST ADS

WEBSITE

DONATION

NAME

MOBILE NO

LOCATION

AMOUNT

MEMBERSHIP

CLIENT'S REVIEW

PAYMENT

PAYMENT TYPE

NAME

MOBILE NO

ADDRESS

PAYMENT FOR MEMBERSHIP

MONTHLY DONATION

CARD

UPI

C.NAME

C.NUMBER

CVV

UPI NUMBER

C.EXPIRY DATE

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7. Test cases

Login Test case

1. In this application email must be consists of alphabets, numbers and @ symbol

2. The password can be anything of the user's choice.

Test case 1:

Email: shreemathi29gmail.com

Password: Shree29@01

Result: Invalid Email or Password

Test case 2:

Email: shreemathi29@gmail.com

Password: Shree29@01

Result: Login Successfully