

**Project Title: Tran Management System**

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of Bachelor of  
Science in Software Engineering

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**DAFFODIL INTERNATIONAL UNIVERSITY**

**DHAKA, BANGLADESH**

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## APPROVAL

This project titled on " Tran Management System", submitted by Avishek Paul (ID: 191-35-2731) to the Department of Software Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of Bachelor of Science in Software Engineering and approval as to its style and contents.

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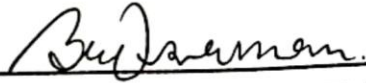
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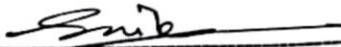
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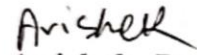
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# DECLARATION

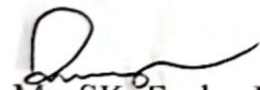
I hereby declare that I have carried out this project under the supervision of Mr. SK. Fazlee Rabby, Lecturer (Senior scale), Department of Software Engineering, Daffodil International University.

I also declare that this project is my original work for Bachelor. Hold a BSc in software engineering and have not submitted the work, in whole or in part, for other research at this or any other university

  
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First, I would like to express my sincere thanks and gratitude to God Almighty and show God's blessings on making it possible for me to successfully complete my final year project.

I have a very strong duty to direct Daffodil International University under the ongoing guidance of Mr. SK. Fazlee Rabby, Senior Lecturer in the Department of Software Engineering, Dhaka. His endless patience, scholarly guidance, continual encouragement, constant and energetic supervision, constructive criticism, valuable advice, reading many inferior drafts and correcting them at all stage have made it possible to complete this project.

I would like to express my heartiest gratitude to **Prof. Dr. Imran Mahmud, Head of the Department of Software Engineering**, for his kind help to finish my project and also to other faculty member and the staff of SWE department of Daffodil International University.

Finally, I would want to convey my gratitude to my DIU classmate for their kind assistance and consolation in helping me complete this work.

Last but not least, I must express my gratitude for my parents unwavering support and patience.

## **ABSTRACT**

This project is on “TRAN MANAGEMENT SYSTEM”. Tran management system help to distributed Tran properly. Everyone who give Tran no need to go door to door for collecting money, food and clothes to distributed them to the needy people. In many times there are some who need Tran in a very emergency time and they needed very urgently. But due to proper management system it takes long time to collect the money and give to the needy one, but cannot fulfill their need in a proper time, that’s why they suffer a lot. In this website, we will work to help Bangladeshi people by giving donation to the lower income peoples who are mainly faces big problem in this situation. Through this they will get a proper a donation in a right time in a right way.

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# CHAPTER 1

## INTRODUCTION

### **Project Overview**

A website contribution system called Tran Management allows us to give to low-income or needy persons. Three users may use this system. users who have signed up, donors, and club members. This is accessible to new users that join up or register on the website. Once registered, they are free to take any action. It's a website application.

### **Background**

During the 2019 corona virus, I had the idea for this project, but it was impossible to proceed because everything was closed and there was insufficient study. But after witnessing the agony of Sylhet's flood victims, I made the decision to begin this endeavor.

## **Project Purpose**

The system focusses on needy people who need donation for survive. Everyone can register there in any time.

The goals of our system are:

- ❖ Building a relief management system will support community development, human rights, and poverty relief.
- ❖ By creating a Relief Management System, you'll support the growth of your income resources (donation).
- ❖ The development of a relief management system will facilitate the management and distribution of donations to all those in need.
- ❖ The best possible allocation and use of operational resources and infrastructure.
- ❖ We will be able to organize family data to enable their access by creating this project.
- ❖ Simplifying the practical processes.
- ❖ It makes managing your donors simpler.
- ❖ It enhances the productivity of your workforce.
- ❖ You'll be able to spot possibilities and trends.
- ❖ For all of your integrations, you will have a single platform.

## **Benefits & Beneficiaries**

To store, move, and distribute such resources to organizations in the most efficient manner feasible, there are numerous details involved. Some of them include locating significant local health service providers, attempting to pinpoint the unmet requirements of people living in low-resource areas, mobilizing the medicines, supplies, and equipment required and appropriate for the situation, and managing the numerous intricacies involved.

### **Stakeholders:**

A stakeholder is a person who has the potential to influence or be affected by a project, plan, or organization. They might be senior or junior level, internal or external. My Stakeholders in this this project are

- ✓ Admin
- ✓ Users
- ✓ Donor
- ✓ Club Members
- ✓ Beneficiary consumer

# Proposed System Model

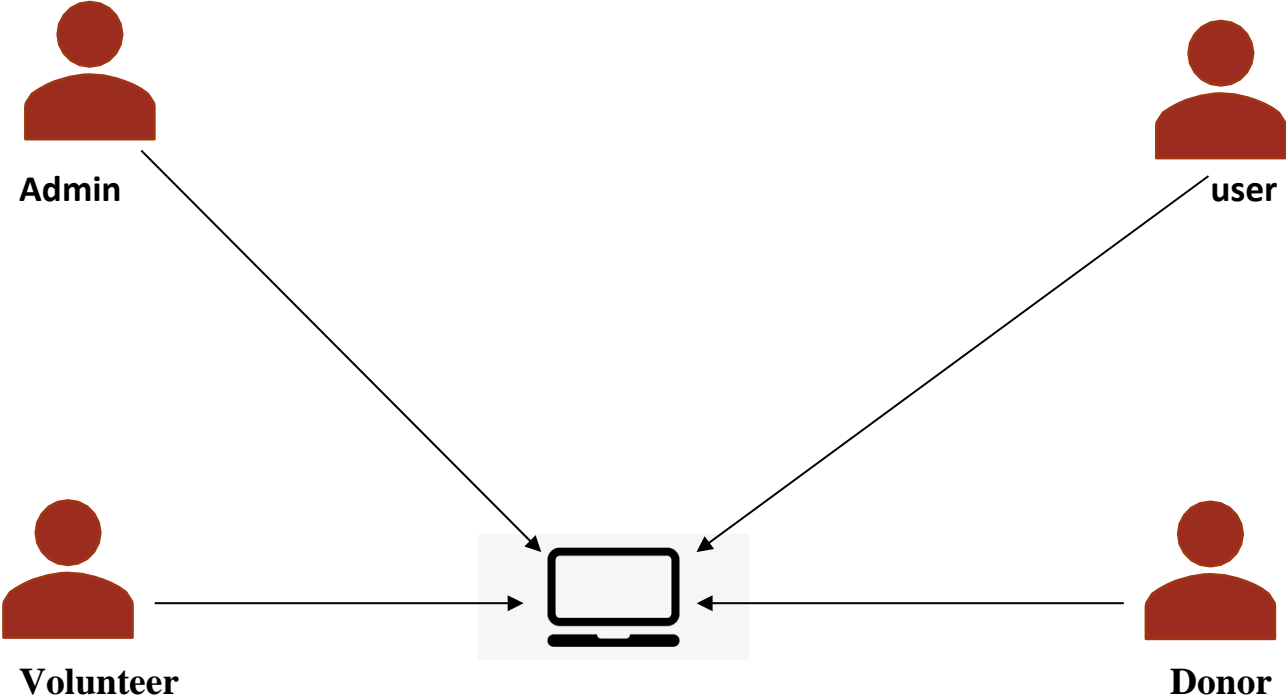


Figure: 1.1: Tran management system Web portal

## **1.1 Modules of Tran management system Web portal**

- **Web module:** The information of the website that is manage from backend
- **Club Module:** The Details information of club which dynamic.
- **Summit Module:** The Details information of summit which dynamic.
- **Register module:** User Register for Club or upcoming summitstore in database.
- **Admin Module:** All type of administrative works done from this panel. The whole website can be managed from admin portal.

## **Project Schedule**

I must prepare a schedule quickly if I want to complete the assignment on time. It also means to communicate about tasks that must be completed quickly.



# Gantt Chart

tasks	W1	W2	W3	W4	W5	W6	W7	W8	W9	W10	W11	W12
Market Research	Red	Green										
Specifications		Red	Green	Yellow								
Planning			Red	Green								
Design				Red	Green							
Development				Green	Green	Green	Red	Red				
Testing						Green	Green	Yellow				
Assessment									Red	Green		
Documentation										Green	Green	Yellow

Table 1.1 : Gantt Chart

## Release Schedule and Goal

Release Schedule and Goal are given below:

Activities	Duration in week	Total week
Research	W1, W2	2
Specifications	W2, W3, W4	3
Planning	W3, W4	2
Design	W4, W5	2
Development	W4, W5, W6, W7, W8	5
Testing	W6, W7, W8	3
Assessment	W9, W10	2
Documentation	W10, W11, W12	3
Software release	W12	1

Table 1.2: Release Plan

## Objective

The main objective of this project is to serve people with all kinds of services. This is an instant online service management system.

**Practically:** The software must be stable and can be operated by people with average intelligence.

**Efficiency:** This involves accuracy, timeliness and comprehensiveness of the output.

**Cost:** It is desirable to aim for a system with a minimum cost subject to the condition that it must satisfy all the requirements.

**Portability:** The web application should be portable to all environments.

**Security:** This important aspect of design covers areas of physical security of data. Thus, it makes the admin work simple with 100% efficiently.

## Functional Requirements

A system or a component is defined by its functional needs. What "should the system do?" is specified. The user determines the necessary functionality. You must comply with these conditions. The use case includes it.

The functional requirements of “Tran Management system” are:

- Web Site Information
- Dynamic Data
- Dynamic Contents
- View Donations of and Distributions
- Register to club or events
- Create Event
- View Event
- Feedback
- Report
- Admin has complete control over the system.

## **Non-Functional Requirements**

Non-functional requirements specify a system's quality attribute. "How should the system fulfill the functional requirements?" is specified. Technical experts or software engineers define non-functional requirements. You must comply with these conditions. It is recorded as a characteristic of quality.

The non-functional requirements of “Tran Management Syatem” are:

- Compliance
- Documentation
- Privacy
- Quality
- Stability
- Authority
- Response time
- Reliability

## **CHAPTER 2**

### **BACKGROUND**

#### **2.1 Introduction**

The entire adventure has been designed with the development of the dispersed client worker enlistment as a major necessity in mind. Tran is required to create an electronic database of supporters and connections involved in distributing various goods, such as clothing, food, and money. Anyone who is passionate about contributing can enlist through this application, if they have the necessary affiliation with our website, in the same way. Additionally, if a large consumer wishes to spread blessing-related enthusiasm, he can also employ this site's aid. The rule maker who can implement improvement, eradication, and change whenever necessary is versatile for the supervisor. The task has been designed to have a view of the encircled building and a single information base limit. The application for the data limit has been set up. Utilizing MS-SQL Server's creations, HTML, CSS, and Bootstrap were used to structure every UI. The "SQL Connection" system is used in the information base composition engineering. The security and information-wary portion checks have been offered a notable choice for effective use.

#### **2.2 Preliminaries/Terminologies**

Three panels, an admin panel and three user panels, make up the system. User panel includes,

- Donor panel
- Club panel
- Registered user panel

Admins or any organization can use the admin panel. Anything is up for donation, including food, cash, and clothing. Club panel members can give and receive donations, but to give they must ask the administrator for a gift for a legitimate reason. A registered user may also give and receive donations for the right causes. The administrator validates all the provided information before approving any requests. We can see the user panel, donor panel, club panel, and admin dashboard in figs. 2.2.1, 2.2.2, 2.2.3, and 2.2.4.

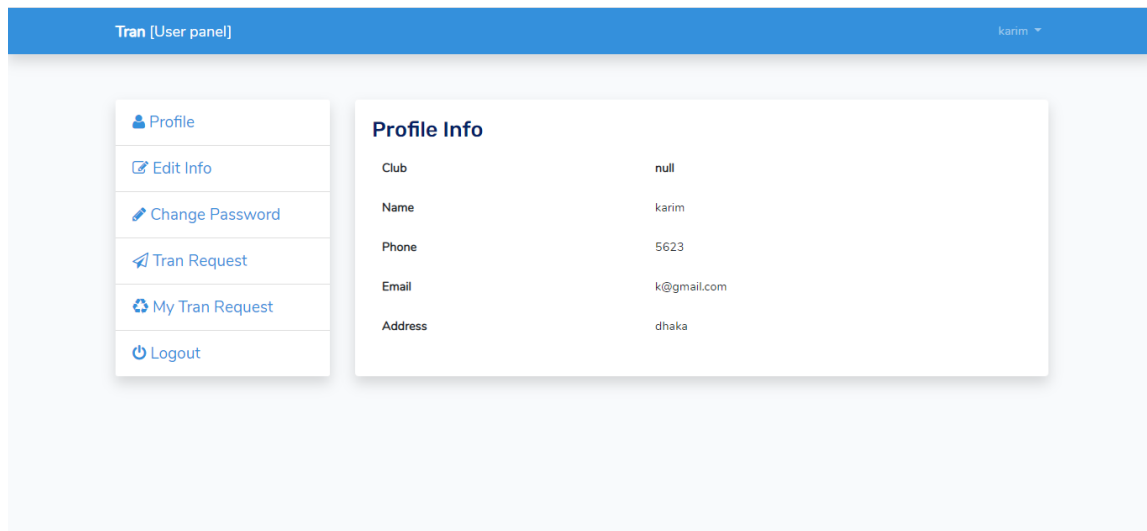


Fig 2.2.1: User Panel:

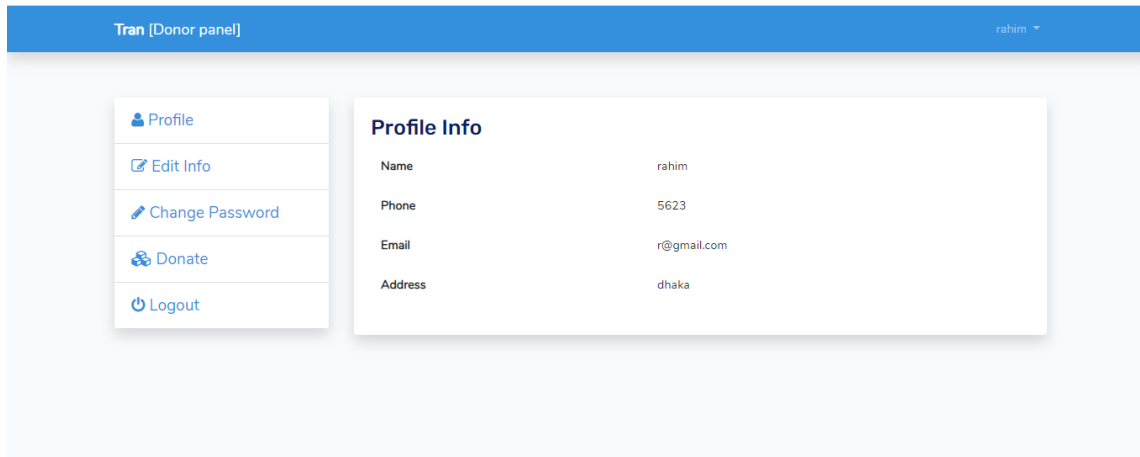


Fig 2.2.2: Donor Panel

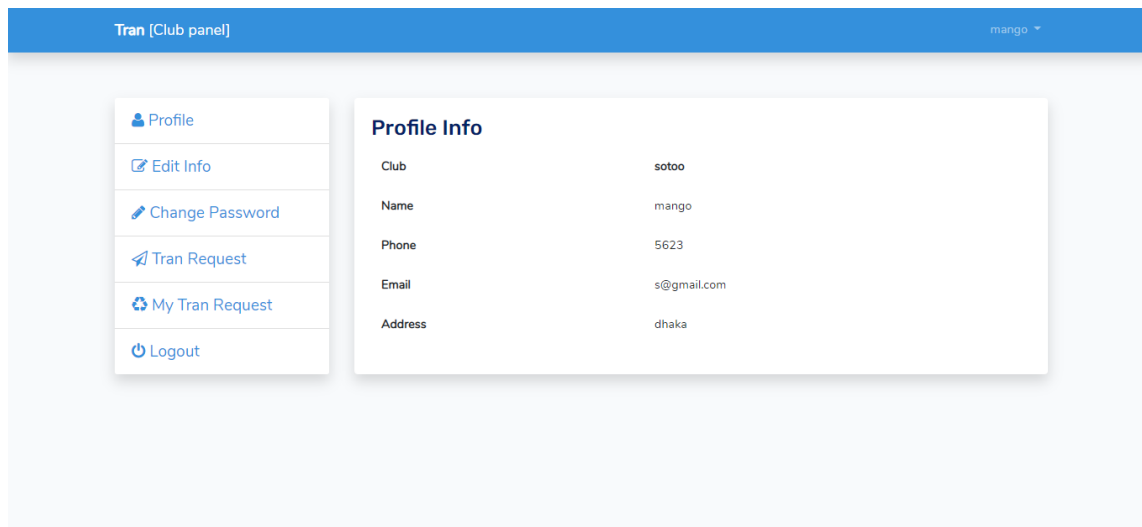


Fig 2.2.3: Club Panel



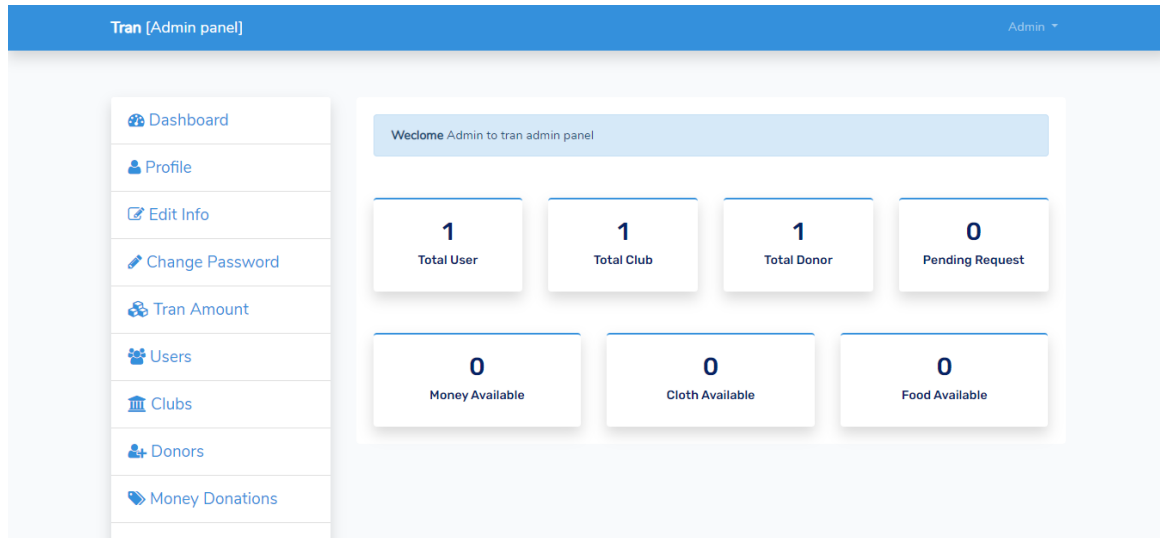


Fig 2.2.4: Admin Panel

## 2.3 Related Works

There are lot of website who are trying to do the same thing. Start Some Good, Website Charity, FundRazr, Transparent Hands, Charity Navigator, Network for Good etc.

## 2.4 Comparative Analysis

In the whole world there are website like this. Those are try to do same work for same kind of people .When we search for those site to get an idea, we try to make a different things not like existing ones. The system we made which is not very complex. Admin panel are very easy to use one admin can handle the whole system. The other things are also very easy to use compare to the other existing site. We try to make secure our site, compare to other site.

## **2.5 Scope of the Problem**

The system we build there are some kind of problem can be appeared.

- No use of Web Services and Remoting.
- Less Security
- Can't Upload and Download the latest updates.
- Risk of bungle and of data when the errand is a work in progress.
- No genuine coordination between different Applications and Users.

## **2.6 Challenges**

Challenges play a significant role in our daily lives. For this project, we have encountered numerous difficult situations. We need to input a lot of information about a club, and this is quite difficult to calculate. Collecting accurate club information was another challenging issue. The hardest part was creating a simple web app. The most significant obstacle is the issue of user pleasure and trust. When a person wants to alter their data, they may occasionally forget their username or password. Making it user-friendly is a challenge as well. Then, implementing a payment method is far more challenging. After that, it would be difficult to get the donor's opinion.

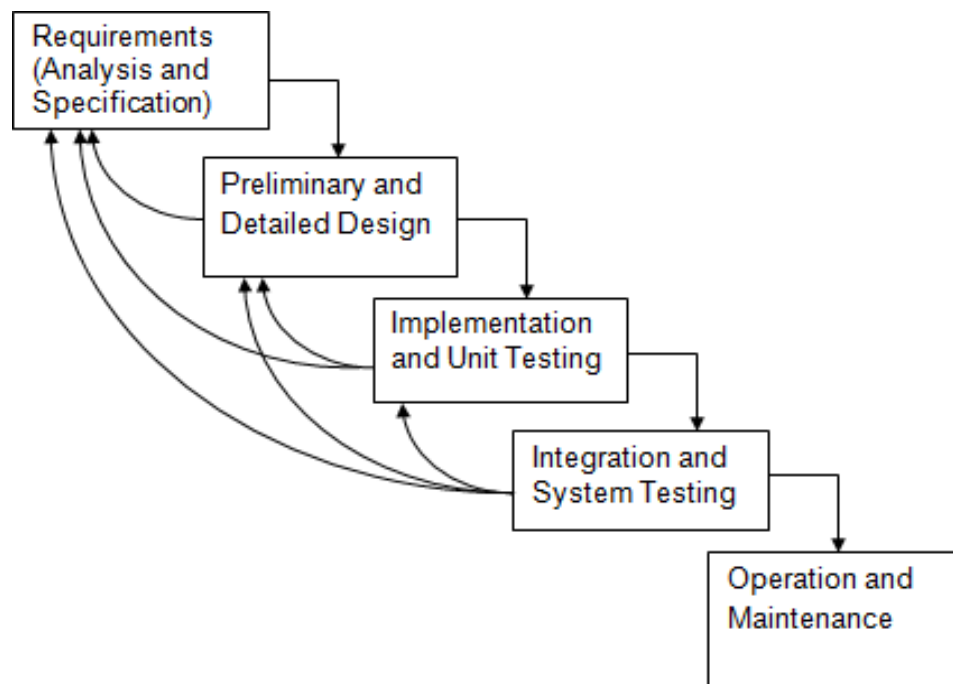
## CHAPTER 3

### Development Model

In order to develop the project “Tran Management System” we have adopted Iterative enhancement model. This model removes the shortcoming of waterfall model.

These models work very well when the project includes several independent units that do not rely on the other units to operate. The two models under the incremental process models are the iterative enhancement model and the rapid application model.

The iterative enhancement model resembles the waterfall model with the exception that it allows several iterations of the design process. After each cycle, there is a product released.



## **Requirement Collection and Analysis:**

It is a Relief project. Therefore, in order to launch this project, we had to contact many groups and take action.

We created this technology to meet everyone's needs after recruiting from various organizations. To make it simpler for the general public to utilize this technology, steps have been taken.

Because of this, we need to consult with regular people and value their perspectives. The first step in a process is data collection and analysis. Below are some examples of requirement collections: -

- Create the Donors Option and information in detail.
- Add club options and specific information.
- Produce details and Normal User information.

We've been informed by a group called Satyasandha that they will be able to interact once this project is developed. And be able to help them very easily.

### 3.3 Use Case Modeling and Description:

A use case diagram had to be made before this project could be started. The project's use case diagram is shown in fig. 3.3.1. It has greatly aided us in clarifying the functionality of the entire project. It emphasizes the partnership between the donor club and the project's users. made the stages and the overall operation of the system clear. It has been simpler for us because we have focused everyone's work and access. It is precisely described who will work on it, how they will work on it, and how much access they will have.

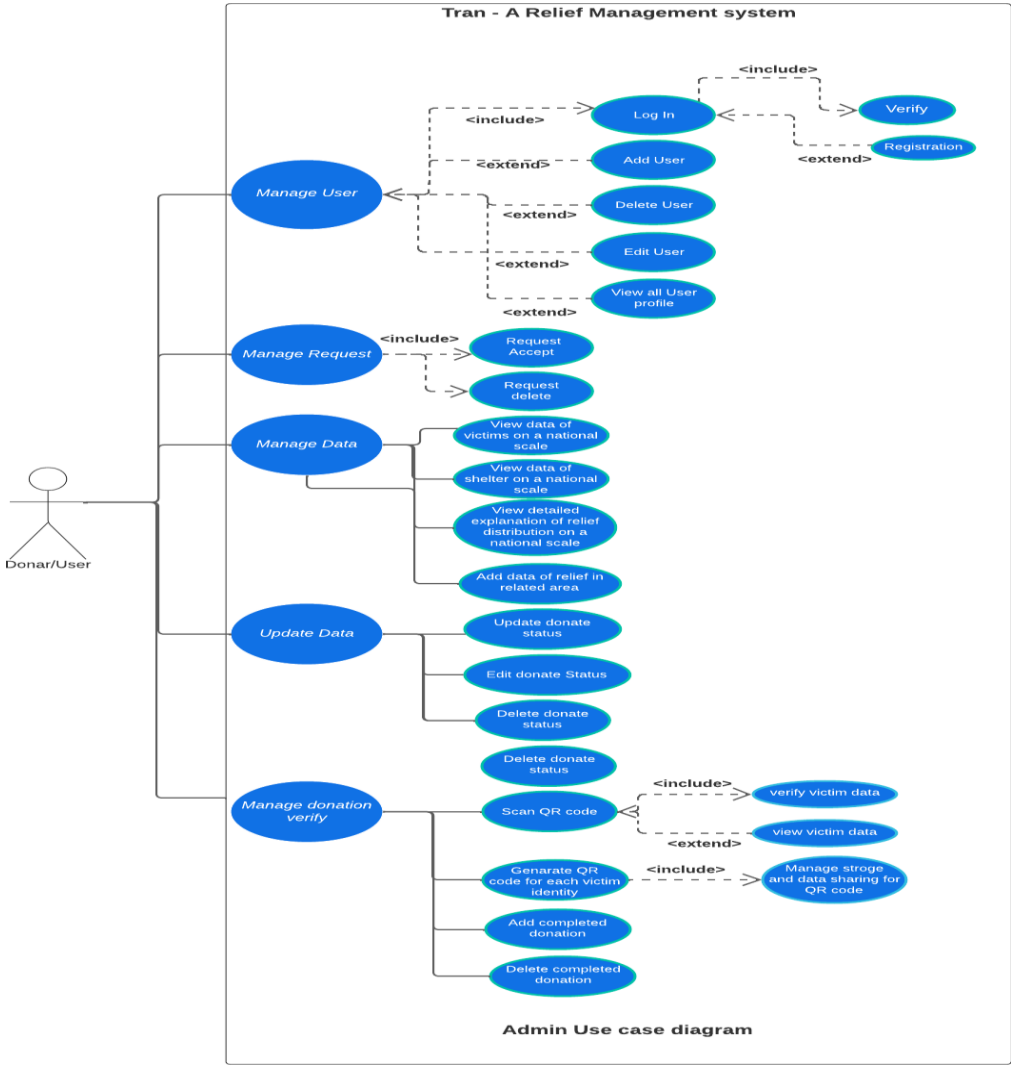


Fig 3.3.1: Admin Use Case Modeling

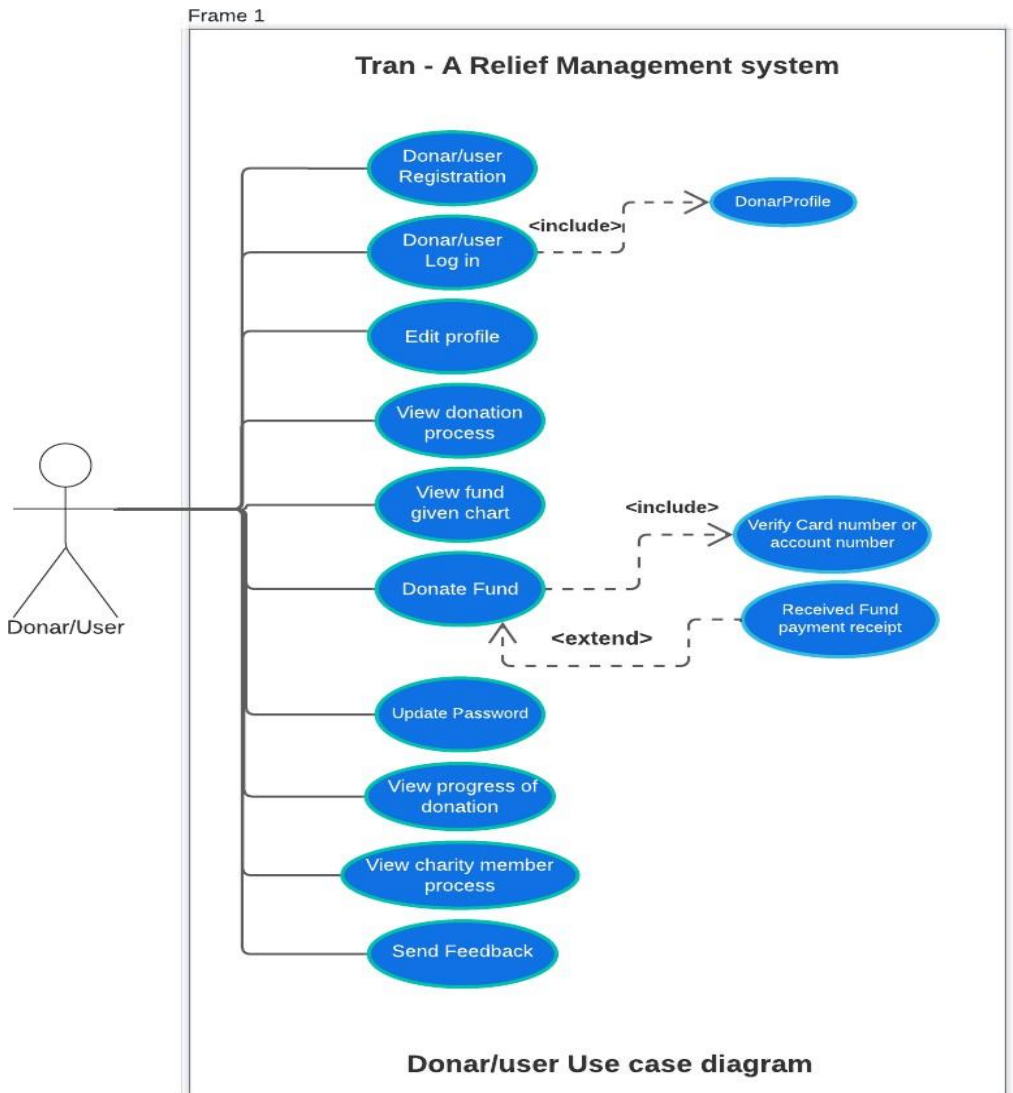


Fig 3.3.2: Donor Use Case Modeling

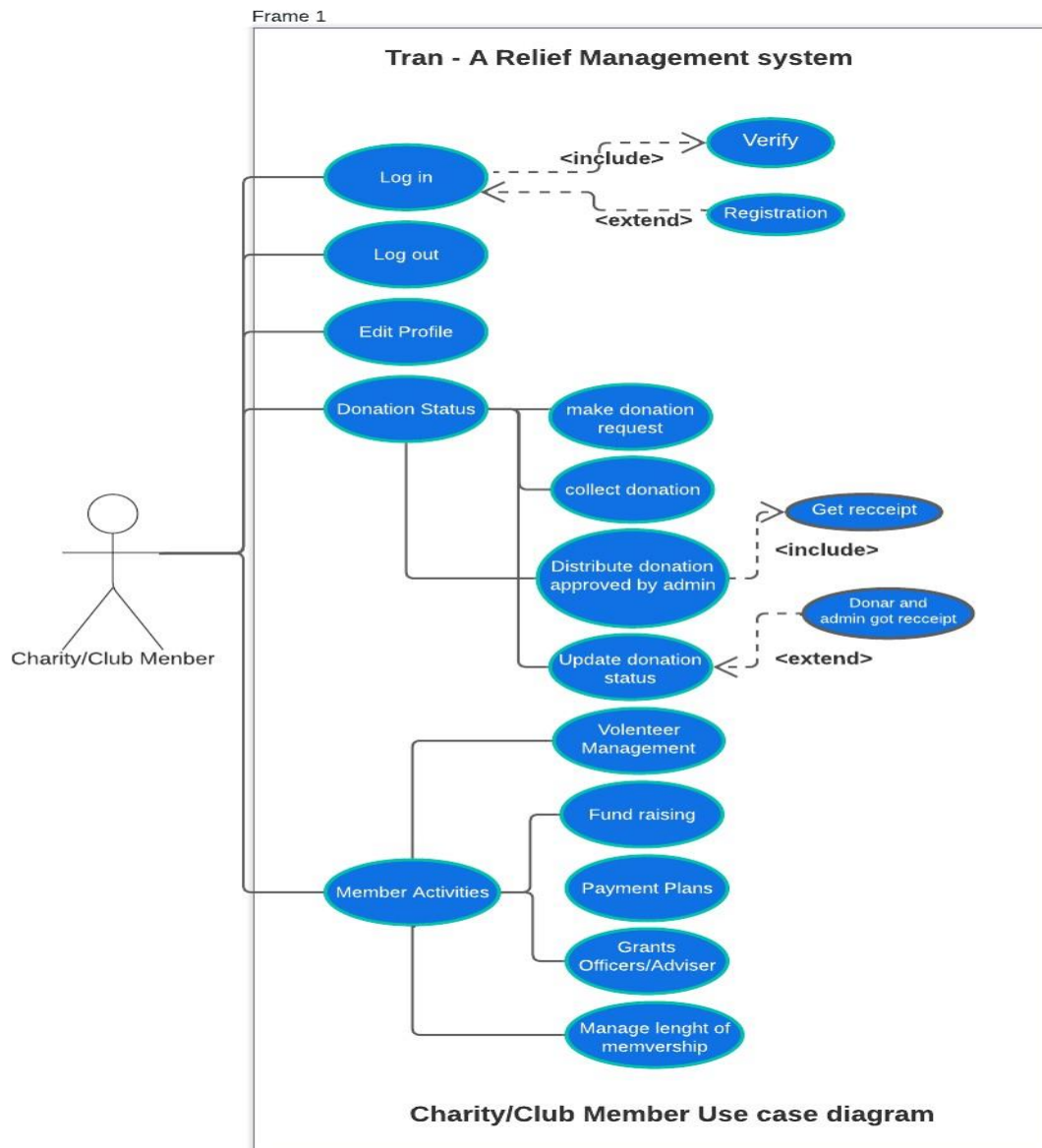
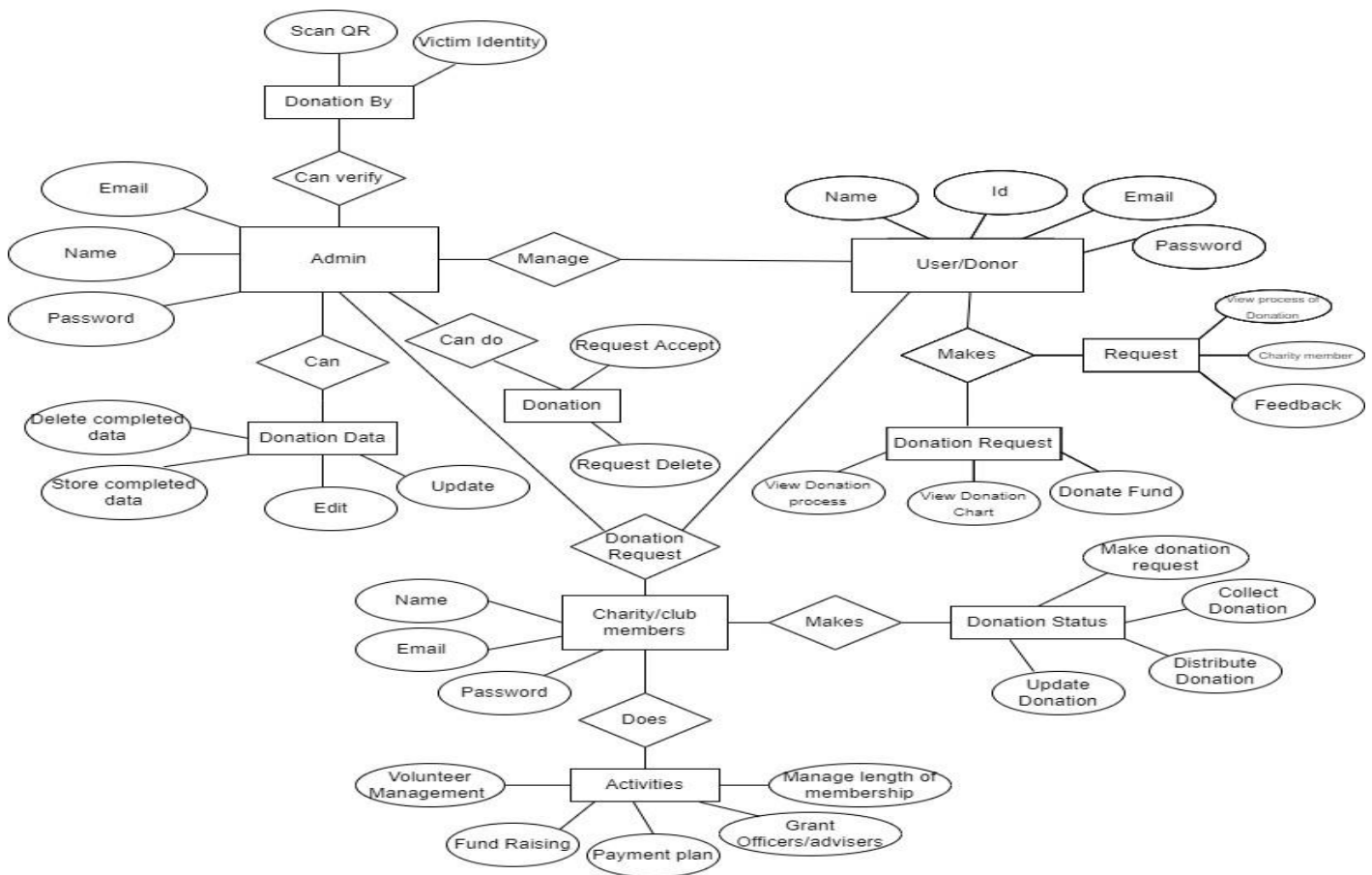


Fig 3.3.3: Club member Use Case Modeling

# Entity Relationship Diagram (ERD)

The Entity Relationship Diagram for this project is shown in Fig 3.4.1. Entity Relationship Diagrams provide all essential components, ascribes, significant clusters, and linkages that describe project rules and project data. We have identified the names of the substances, traits, and relationships in the model. Refer to social information demonstrating for specific clarification. In order to achieve our goals, we created logical models that concentrated on the functions and systems of technology.





## **Design Requirement**

Design requirements are something that provide us a typical understanding of how the project will run as a whole. Through a media, we receive conflicting responses to a background color and logo combination. This adds interest to our project. Here are a few explanations of the design decisions we made.

We desired these language colleges for design.

- Html5
- Css
- Bootstrap4
- JavaScript

## **User Interface:**

For the success of our overall project, the user interface is crucial. By doing this, we clearly communicate our operations to our users.

- Control operations; states of control (enabled, deactivated, and highlighted).
- Error handling.
- Functionality.

## **Navigation Bar:**

- Left: Return to the home page
- Title: currently viewing page
- button: create a new operation
- Check the footer.

# Flowchart

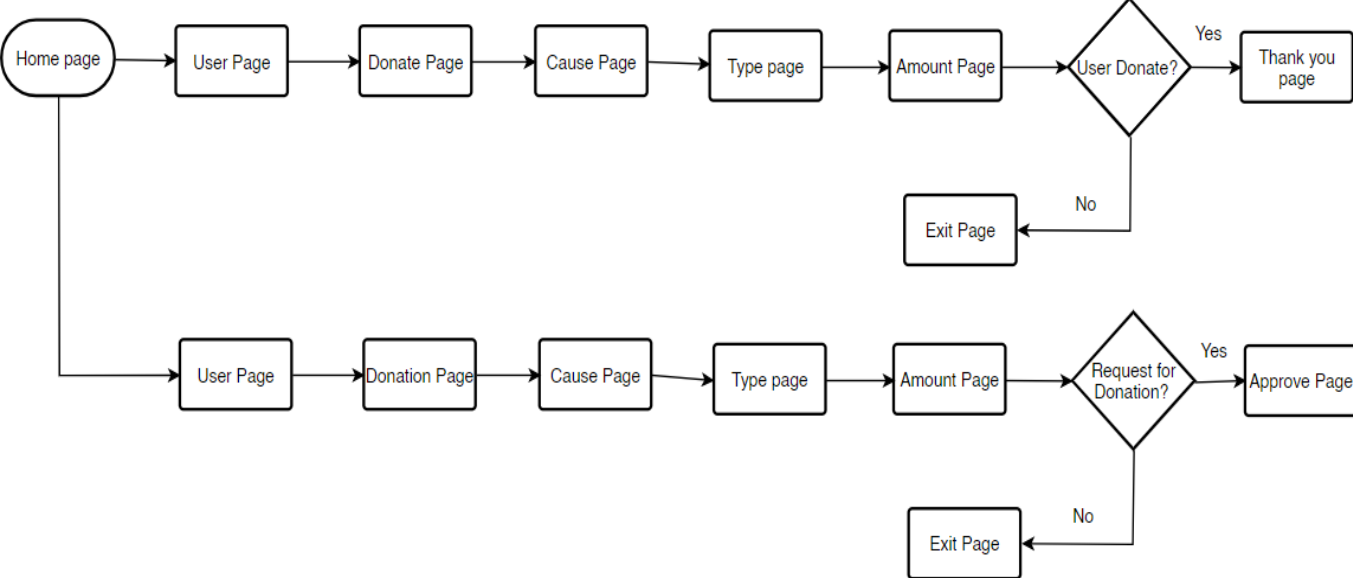


Fig 3.6.1: Full Process Flowchart

**Admin Flowchart:**

The admin flowchart to outline the admins' operations is shown in Fig 3.6.2.

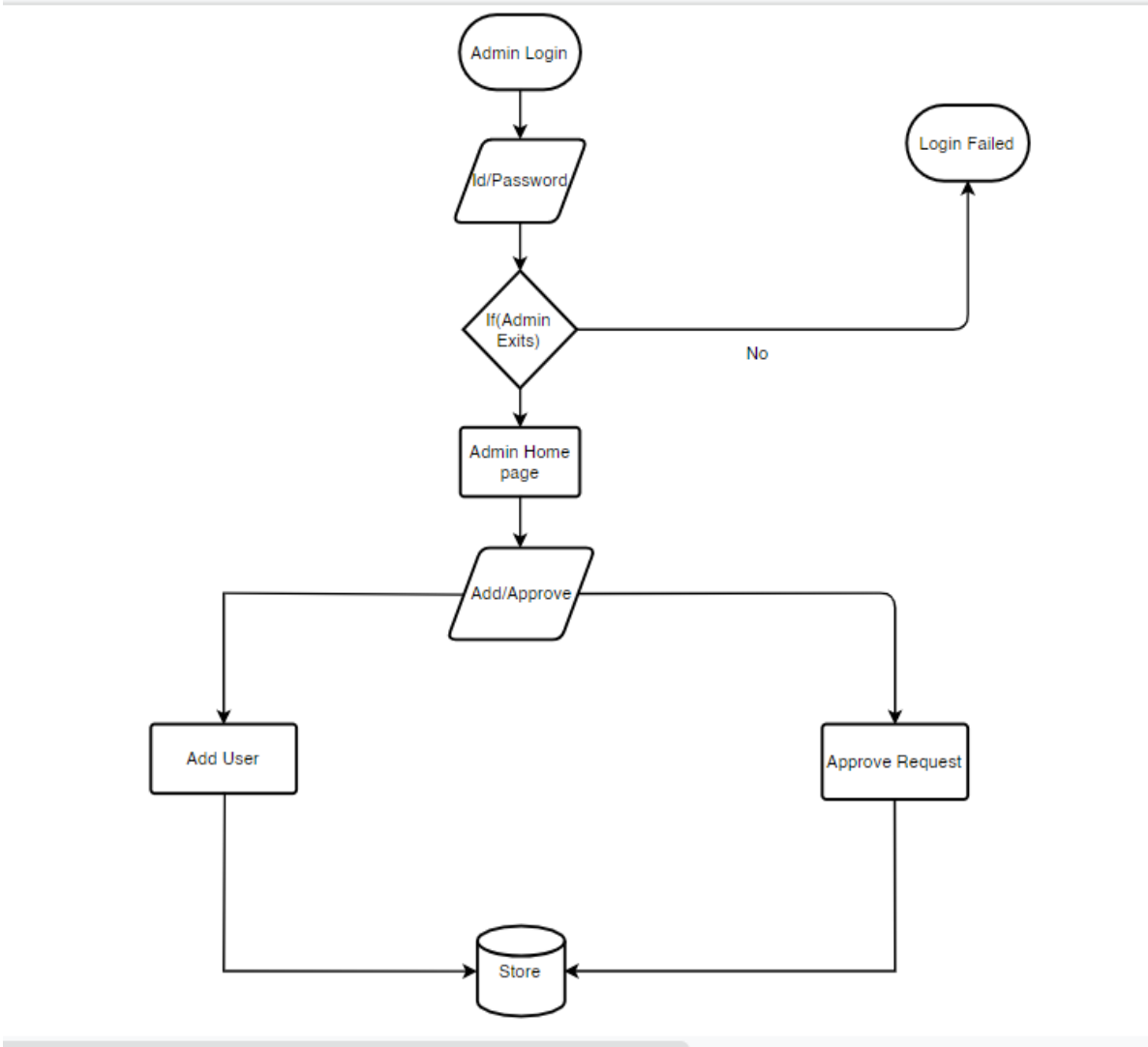
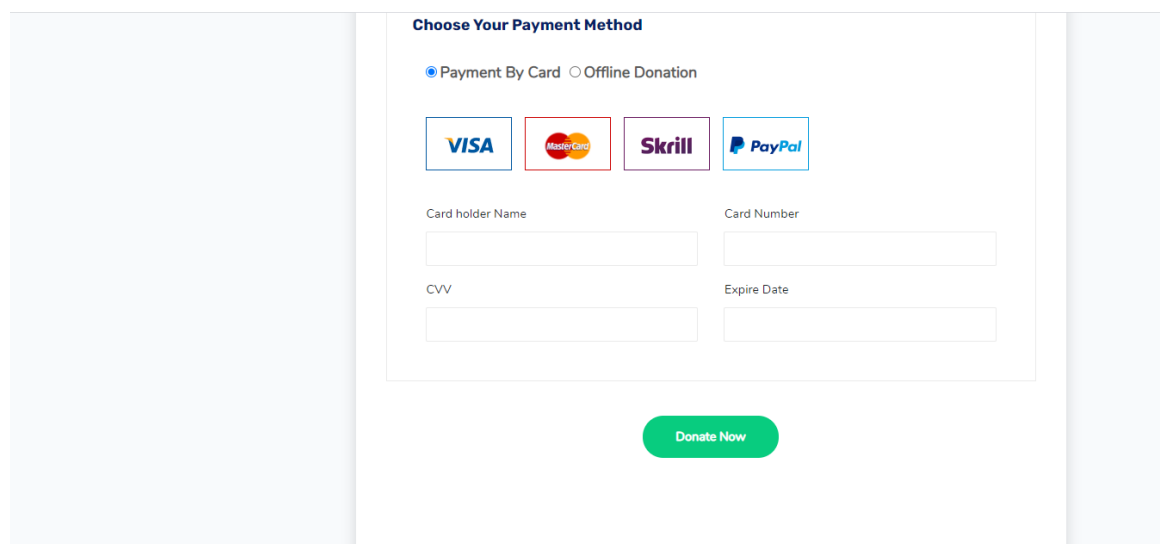


Fig 3.6.2: Admin Flowchart

### 3.7 Payment Method

Anyone, local or foreign, can easily make a donation online using a credit card or another payment option. The online payment gateway is displayed in Fig.



The screenshot shows a payment gateway interface with the following elements:

- Title:** Choose Your Payment Method
- Options:**  Payment By Card  Offline Donation
- Payment Method Logos:** VISA, MasterCard, Skrill, and PayPal.
- Form Fields:**
  - Card holder Name (text input)
  - Card Number (text input)
  - CVV (text input)
  - Expire Date (text input)
- Action:** A green rounded button labeled "Donate Now".

Fig: Payment method

# Admin Sequence Diagram:

Fig. sequentially describes the administrative action and operation.

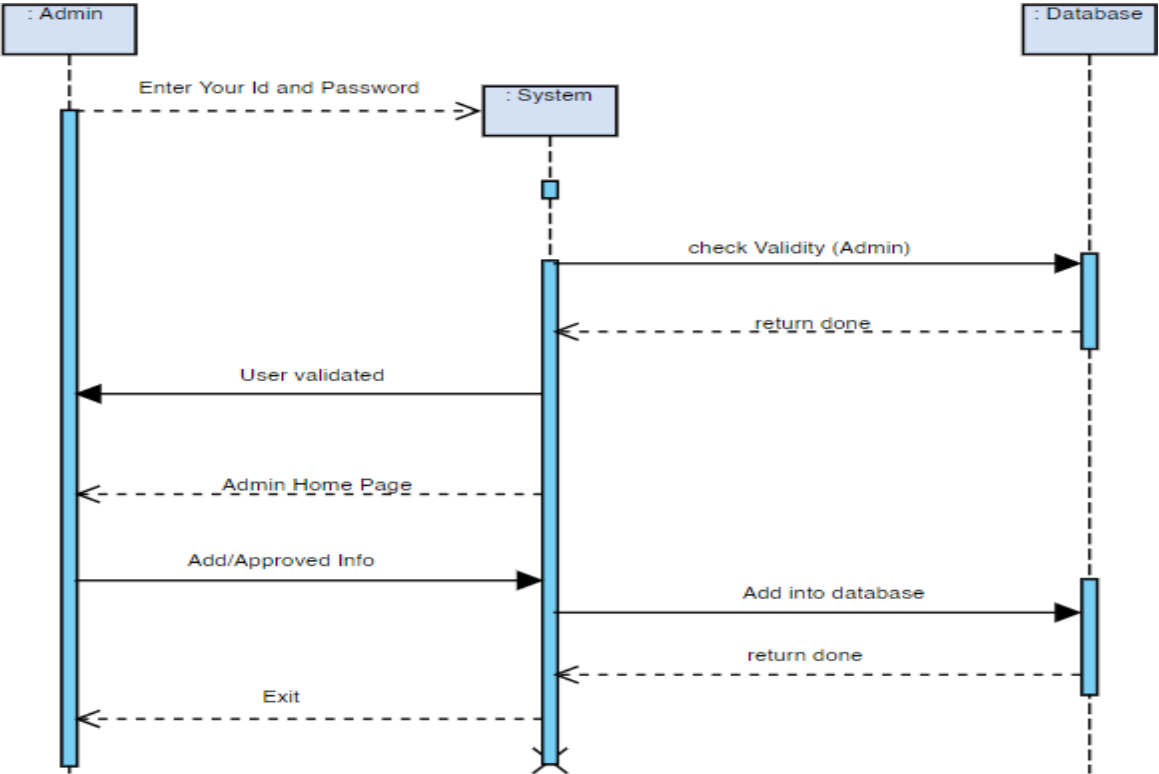


Fig :Admin Sequence Diagram

# Club Sequence Diagram:

Fig. sequentially describes the club's action and operation.

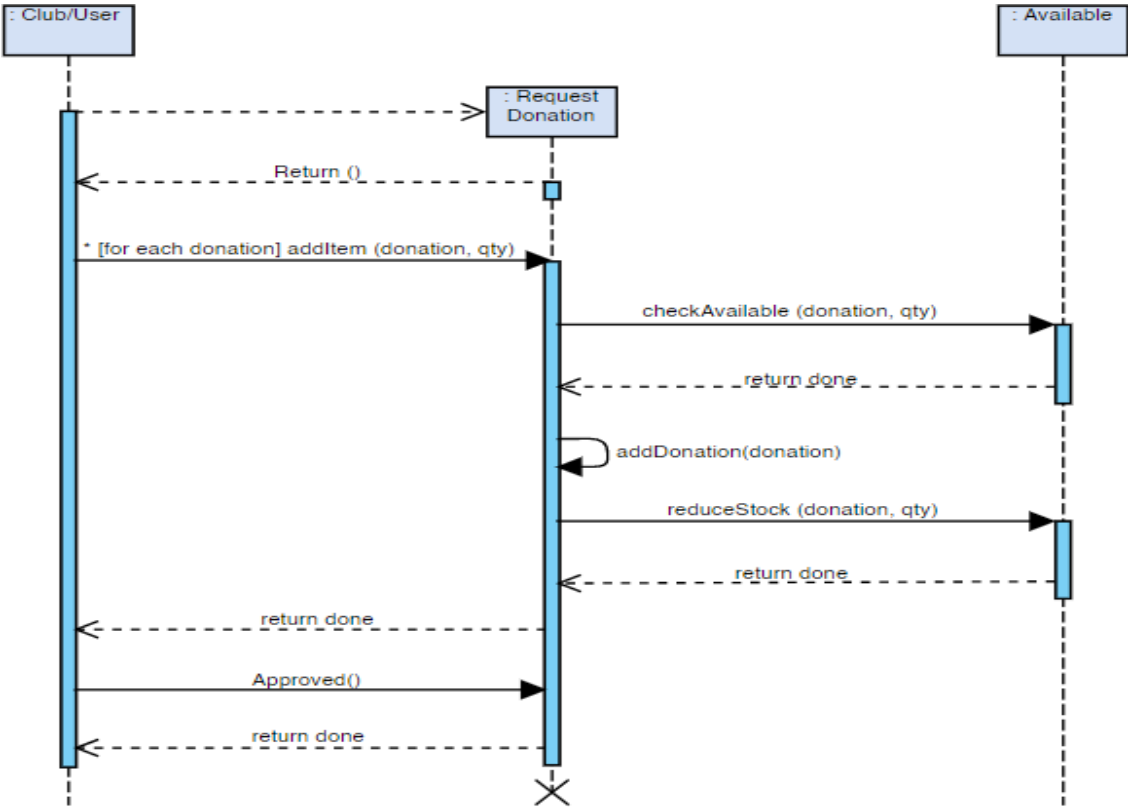


Fig Club Sequence Diagram

# Donor Sequence Diagram:

Fig. sequentially describes the Donor action and operation.

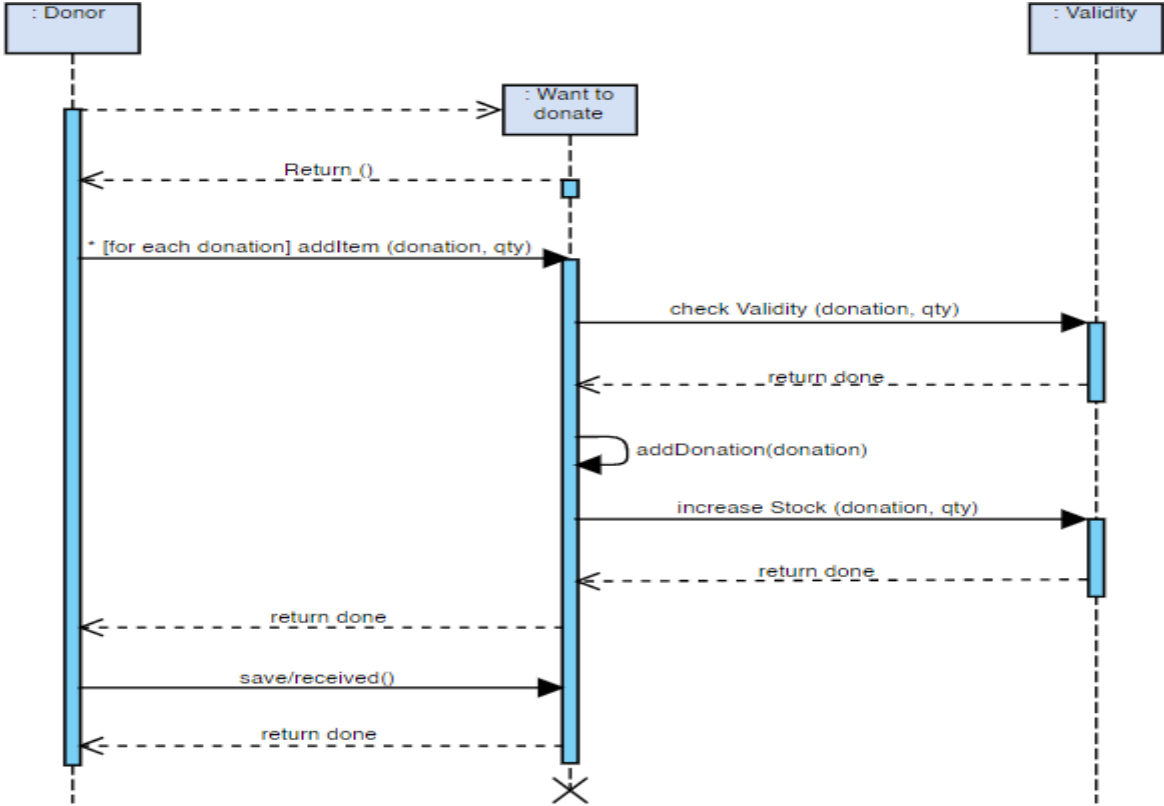


Fig Donor Sequence Diagram

**Admin Activity Diagram:**

Fig. describe administrative activity.

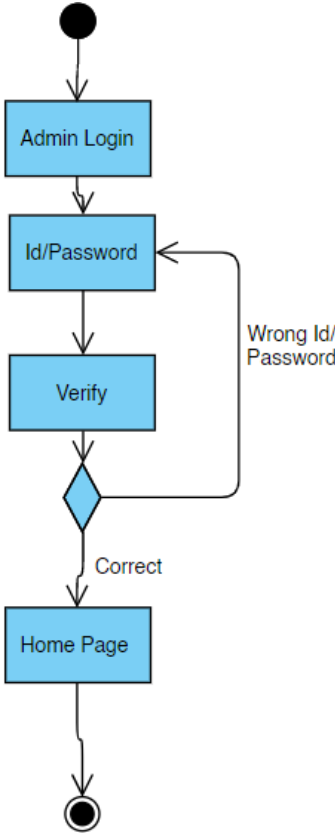


Fig Admin Activity Diagram



# Donor Activity Diagram

Describe the donor action using Fig.

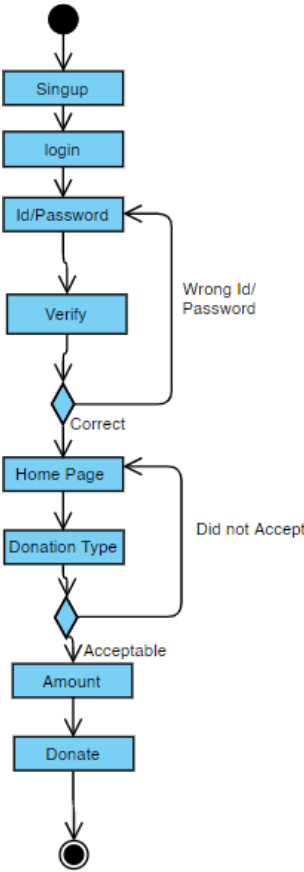


Fig Donor Activity Diagram

# Club Activity Diagram

Fig describe what the Club does.

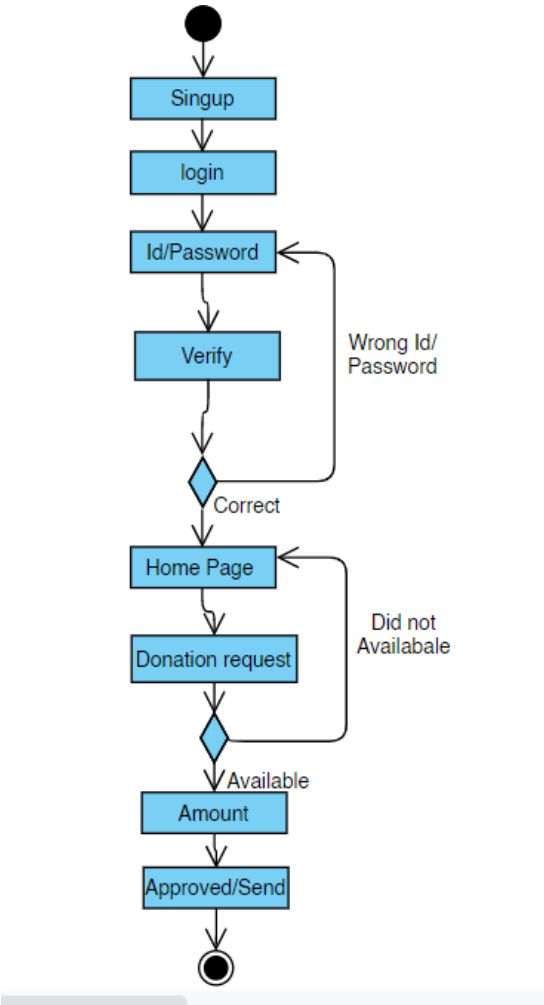


Fig Club Activity Diagram

## **Chapter 4**

### **Design Specification**

#### **4.1 Front-end Design**

Improvement on the front end, or client side, uses a graphical user interface. It is a display site. HTML, CSS, and JavaScript are used to develop our front end. Clients can view the information in this cycle and participate in it. We created a basic and user-friendly front-end since we want all types of clients to be able to understand and efficiently use this site. We often utilize HTML and CSS to set out this project. Easy to use stage for creating a website is Great Text. We only need to use the front-end to connect with the client. We need to be proficient in three main dialects: HTML, CSS, and JavaScript programming in order to carry out those destinations. Along with being knowledgeable with these languages, we also need to be familiar with frameworks like Bootstrap and Foundation, which ensure stunning content on any device, and libraries like jQuery, which group code into a more useful, efficient structure. Many job listings for front-end designers also need participation in Ajax, a widely used JavaScript technique that enables pages to load quickly by downloading worker information out of sight. We closely collaborate with designers or customer experience analysts using these tools to take wireframes or mockups from development to delivery. Strong front-end engineers are also able to clearly identify specific client experience problems and provide solutions that will have an impact on the strategy. It's also crucial to be able to collaborate easily with other business groups in order to understand their specific goals, demands, and opportunities before carrying them out.

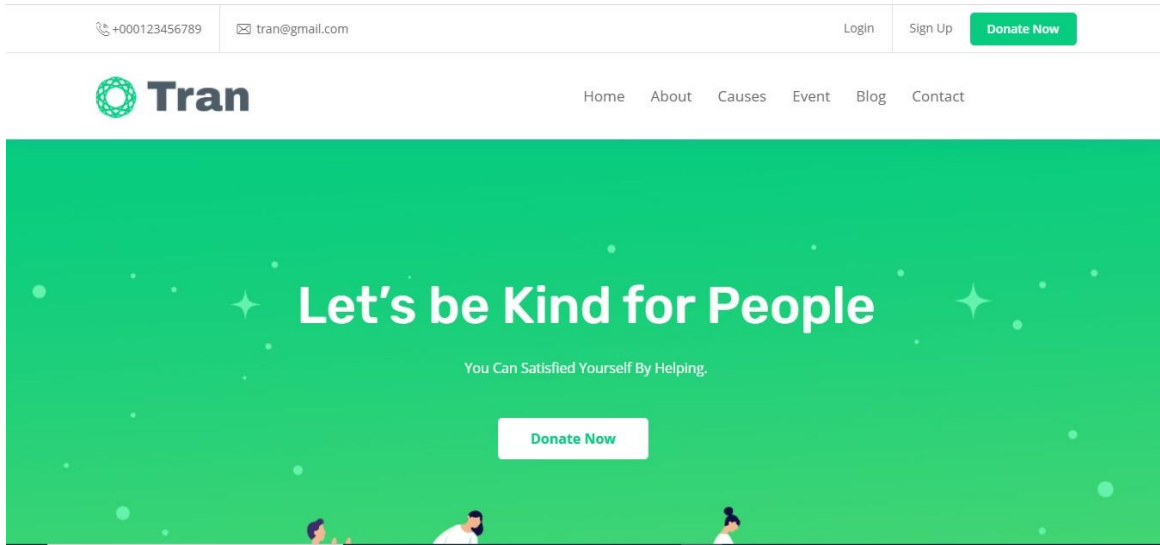


Fig 4.1.1: Front-end Design

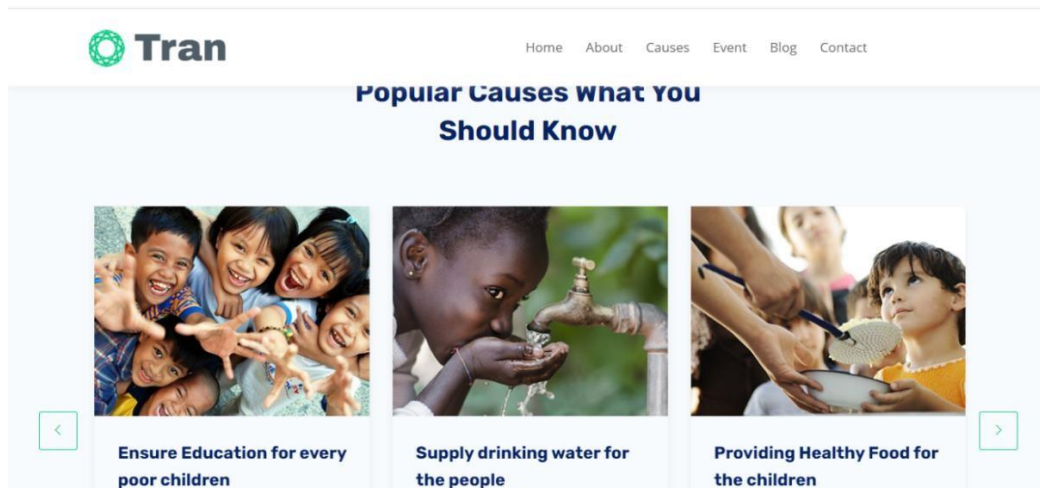


Fig 5.2.1: Design

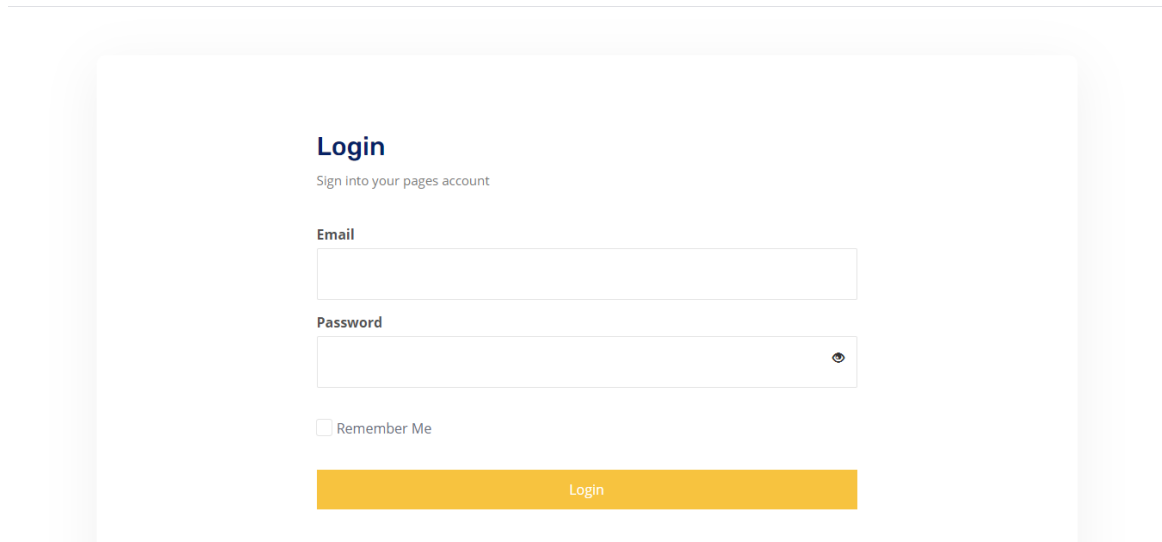
## 4.2 Back-end Design

A worker, an application, and an information base make up a site's back end. The technology that runs those sections, which collectively enable the client-facing side of the site to attempt and exist in any case, is created and maintained by a back-end engineer. The procedure underpinning the project is called back-end design. Every project's logical experiment takes place in the back end. PHP and the Laravel framework are used for back-end tasks. All operations that take place on the application's back end are known as back-end work. We must prioritize numerous things at the back end, including databases, security, validity, and backups. The back-end portion of our program is built using PHP, the Laravel framework, and SQL Service.

### ❖ PHP

PHP is an open source scripting language that preprocesses text. Object Orientation is now actualized in PHP version 5 (version). This was taken into account for the project due to some prior knowledge of the scripting language as well as the requirement to broaden and improve knowledge and comprehension of the language. Even while there was some prior knowledge of the language, it was quite limited because the most of the PHP destinations we have developed have only been necessary. putting the approaching qualities into an information base and using the language to create a few basic info structures. Based on this basic knowledge of PHP, it was thought that, with further investigation and trial, this would be a fantastic language to employ to create the online ticket offers system. Therefore, the program will be created in PHP and associated with a MySQL information base to store and recover data that is crucial for the operation of the program. Most Web Hosting companies give PHP on their employees by default and include a MySQL information base. Figures 4.2.1 and 4.2.2 show the login and registration options, which are the official means of project authentication .

## Login:

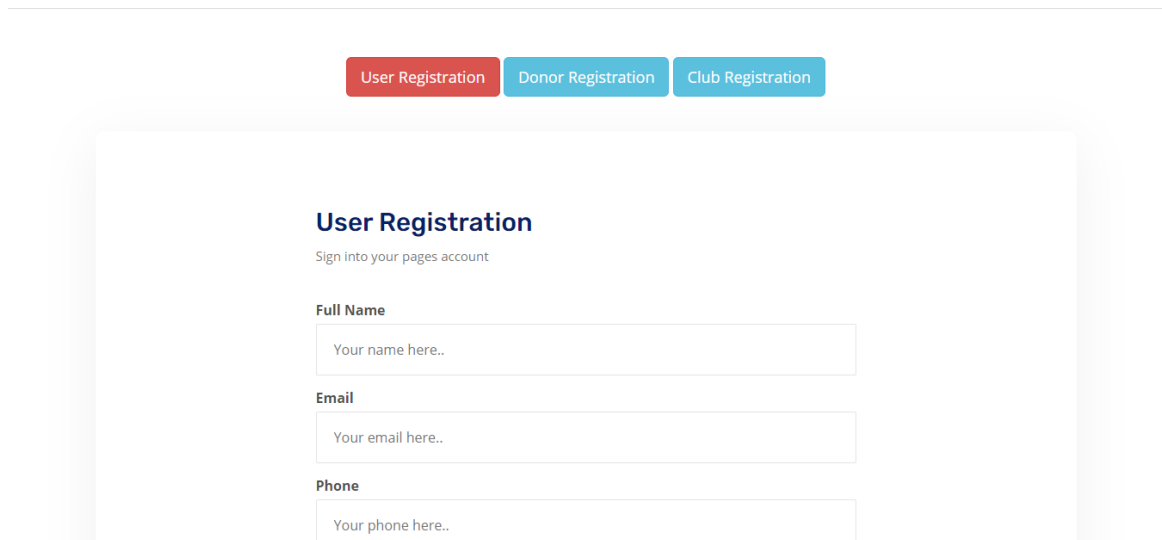


The screenshot shows a login form with the following elements:

- Login** (Section Header)
- Sign into your pages account (Text)
- Email** (Label) with an input field containing a placeholder.
- Password** (Label) with an input field containing a placeholder and a toggle icon.
- Remember Me (Text)
- Login** (Button)

Login

## Registration Page:



The screenshot shows a registration page with the following elements:

- User Registration** (Section Header)
- Sign into your pages account (Text)
- User Registration** (Button)
- Donor Registration** (Button)
- Club Registration** (Button)
- Full Name** (Label) with an input field containing the placeholder "Your name here..".
- Email** (Label) with an input field containing the placeholder "Your email here..".
- Phone** (Label) with an input field containing the placeholder "Your phone here..".

Registration Page:

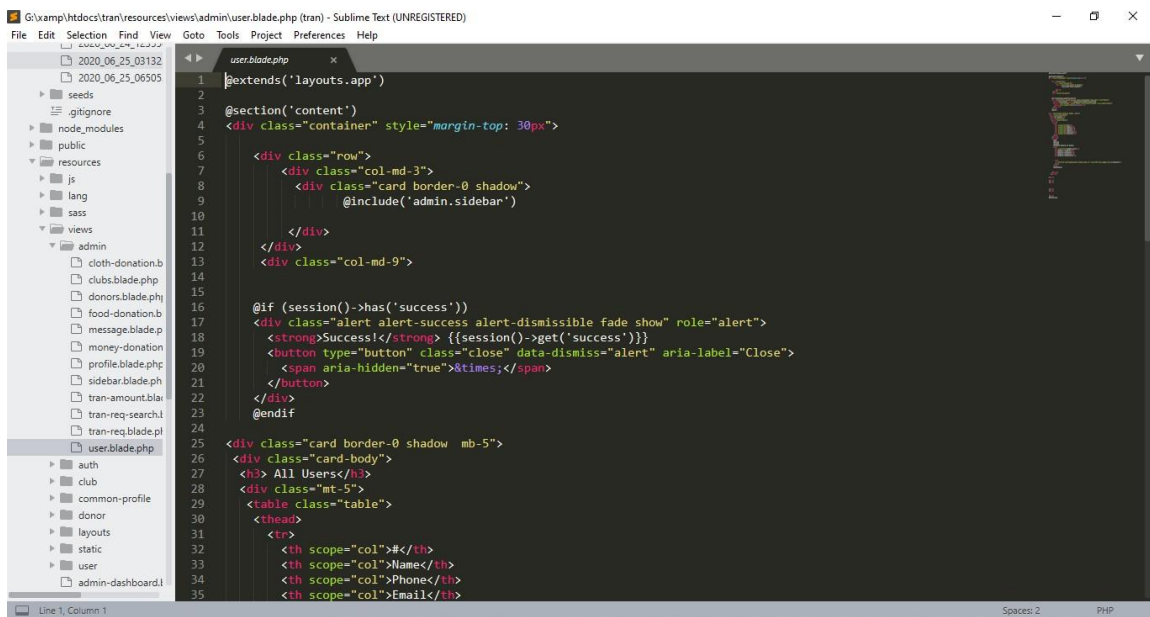
## ❖ MySQL

MySQL is the world's most well-known open source information base, empowering the savvy conveyance of solid, superior and versatile Web-based and inserted information base applications. It depends on the structure inquiry language (SQL), which is utilized for including, eliminating, and changing data in the information base. Standard SQL orders, for example, ADD, DROP, INSERT, and UPDATE can be utilized with MySQL. MySQL can be utilized for an assortment of utilizations however is most usually found on Web workers. A site that utilizes MySQL may incorporate Web pages that entrance data from an information base. These pages are regularly alluded to as "dynamic," which means the substance of each page is produced from an information base as the page loads. Sites that utilization dynamic Pages are frequently alluded to as information base driven sites. Numerous information base driven sites that utilization MySQL additionally utilize a Web scripting language like PHP to get to data from the information base. MySQL orders can be joined into the PHP code, permitting part or the entirety of a Web page to be produced from information base data. Since both MySQL and PHP are both open source (which means they are allowed to download and use), the PHP/MySQL mix has gotten a well-known decision for information base driven sites.

## ❖ Laravel

Open-source PHP system Laravel is powerful and uncomplicated. It is designed using a model-view-controller arrangement. Laravel makes advantage of the existing components from many different structures to create online applications. The web application is better organized and more practical when it is planned in this manner. If you are familiar with Core PHP and Advanced PHP, Laravel will make your task easier. On the odd event that you wish to build up a site without any planning, it saves a ton of time. A Laravel-built website is also safe and guards against a few online attacks.

- ❑ The Laravel structure suggests that the web application is more customizable.
- ❑ Due to Laravel's utilization of components from different structures when constructing web applications, a significant amount of time is saved when planning the web application.
- ❑ It incorporates namespaces and interfaces, helping to organize and manage resources as a result.



```
1 @extends('layouts.app')
2
3 @section('content')
4 <div class="container" style="margin-top: 30px">
5
6 <div class="row">
7 <div class="col-md-3">
8 <div class="card border-0 shadow">
9 @include('admin.sidebar')
10
11 </div>
12 </div>
13 <div class="col-md-9">
14
15 @if (session()-has('success'))
16 <div class="alert alert-success alert-dismissible fade show" role="alert">
17 <strong>Success!</strong> {{session()-get('success')}}
18 <button type="button" class="close" data-dismiss="alert" aria-label="Close">
19 <span aria-hidden="true">&times;</span>
20 </button>
21 </div>
22 @endif
23
24 <div class="card border-0 shadow mb-5">
25 <div class="card-body">
26 <h3> All Users</h3>
27 <div class="mt-5">
28 <table class="table">
29 <thead>
30 <tr>
31 <th scope="col">#</th>
32 <th scope="col">Name</th>
33 <th scope="col">Phone</th>
34 <th scope="col">Email</th>
35
```

Fig Coding



## Designing for Interaction and User Experience (UX)

The creation of a dialogue between a person and a system, service, or other entity is called interaction design.

The interface design is crucial for a typical user to comprehend a project's service when he first accesses it. Our project's interaction design was created so that any donor, club, or regular user could quickly request assistance or donate to the needy in order for him to readily receive service or provide service in our project.

User experience (UX) focuses on having a thorough understanding of customers, their needs, values, abilities, and also their barriers.

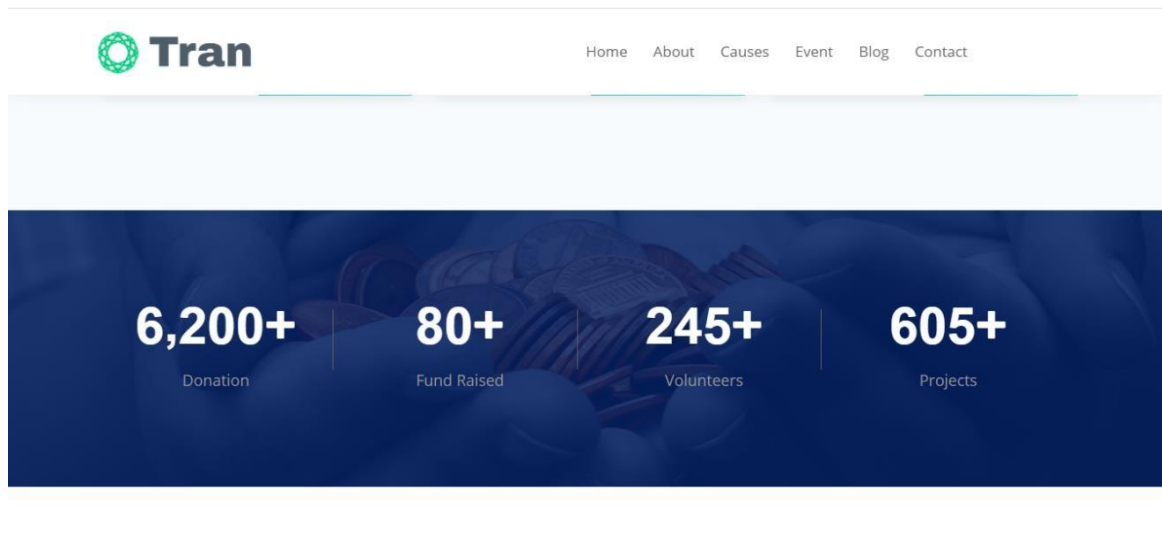


Fig Design

## 4.4 Implementation Requirements

We use a variety of functions, tools, and equipment to carry out this project, all of which contribute to its peaceful development. This section contains information on all the elements and features we used to finish our application.

- HTML, CSS, and Bootstrap are used in design.
- Using PHP and Laravel, we build the back-end.
- SQL Service is what we utilize for real-time databases
- JavaScript is used by us for validation.
- An error message is displayed for invalid input.
- Use font-awesome to create icons

# Chapter 5

## Implementation and Testing

### 5.1 Creation of a database

Figures 5.1.1 and 5.1.2 show the database feature. We created a database called Tran and entered all of the project's data as well as user information into it. and took care of the accounts section as well.

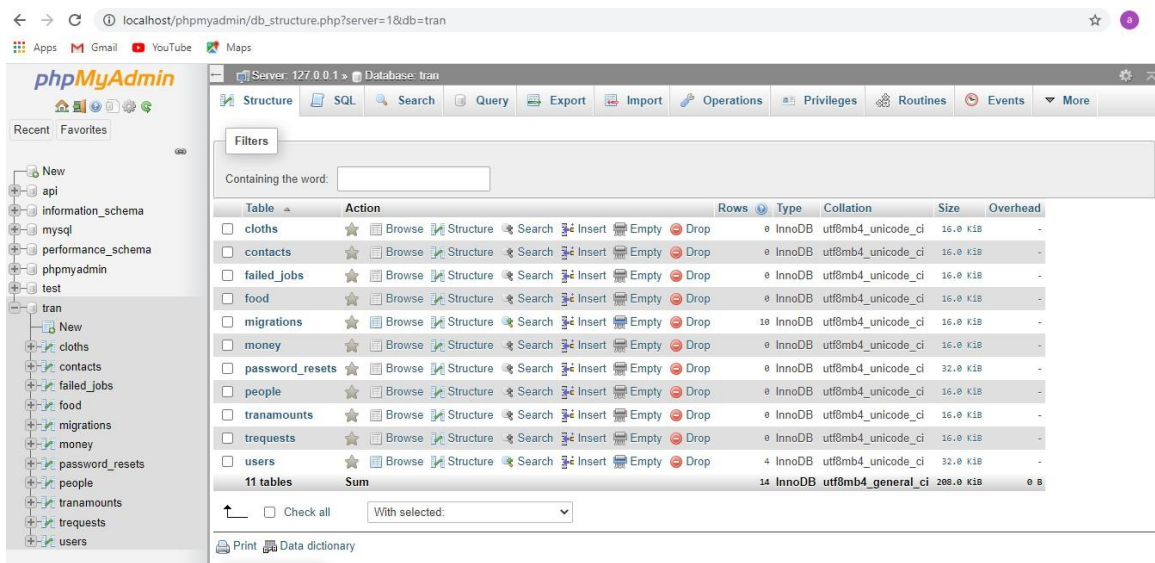


Fig 5.1.1: creation of a database

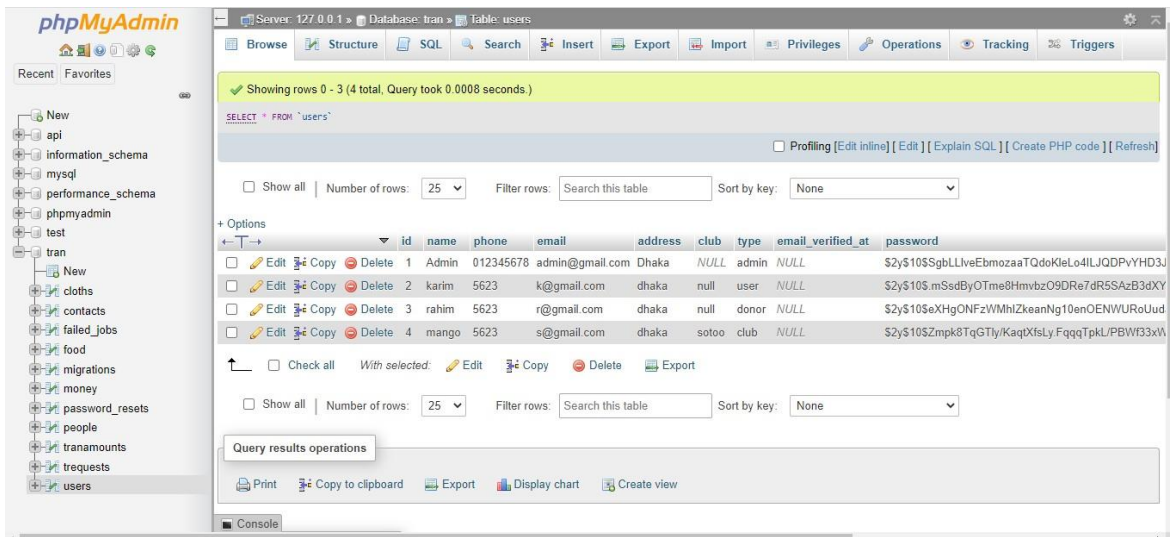


Fig 5.1.2: creation of a database

## 5.4 Implementation of Testing

Testing implementation is the process of examining every step of a system to determine whether it complies with requirements and is free of bugs. Implementation testing needs the steps below.

- Background Objectives: HTML, CSS, saving of images, etc.
- Website-type projects.
- Language of the Project: English

Testing the framework is an important step. A fascinating inconsistency for the code is shown through testing. As a result, before the suggested framework is ready for client acknowledgment testing, a series of tests are run on it. The goal is to verify the internal logic of the modules because unit testing is essential for the review of the code given during the coding stage. Using the specific plan illustration as a guide, key methods are tested to uncover errors inside the module's boundary. These tests were finished during the actual programming phase. The errors that were discovered throughout the testing are corrected, along with all useful conduct execution requirements. All of the information section screens operate on approvals at the structure level as well as at the field level. Program testing consists of just experimenting with various projects that are organized into a group to achieve a particular goal. Two distinct types of errors will occur during program testing: grammatical errors and sensible errors. Before running the application, syntax errors must be corrected.

information handling mistakes, a poorly organized program explanation, etc.

The various phases of the testing cycle will follow.

- **Testing for Cross-Browser Compatibility**

This is done to make that the web system functions and appears the same across a wide range of browsers. The most widely used browsers are used for testing, including:

- Mozilla Firefox
- Chrome
- Opera

To make sure that the layout of the website and the placement of the content do not significantly alter at various screen resolutions, the system is also tested at various screen resolutions. The following screen resolutions are used to test the website. Fig. 5.3.1 displays a few screen demos.

- 800 by 600
- 1024 by 768
- 1152 by 864.

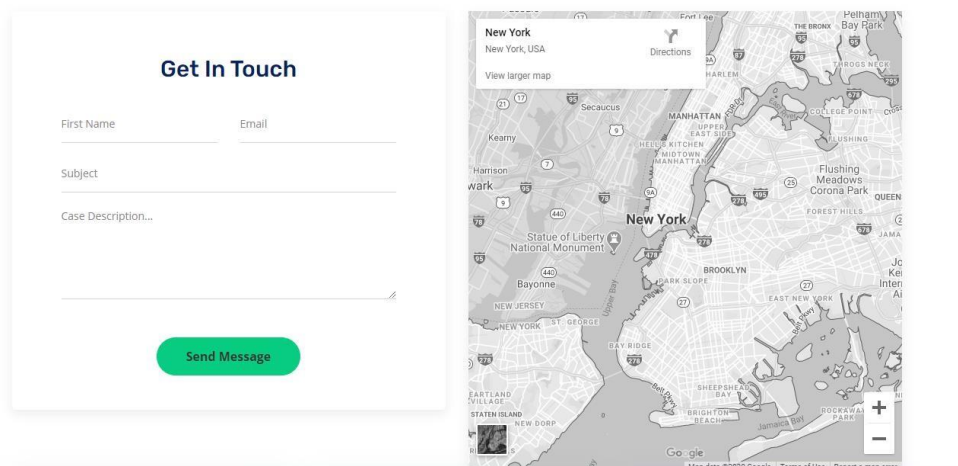


Fig 5.3.1: Screen Demo

## 5.4 Test Findings and Reporting

In order to create a project, first you have to find out its bugs so that there is no problem for the user to use.

Normal users won't be able to use the project as easily if it contains a variety of flaws. For this, testing efforts are significantly more crucial..

In doing this project we find various kinds of mistakes.

The issue with design is also the issue with source code. We look into the underlying causes of bugs. And start to researching about them. We take various steps to control and find the mistakes. We tried our best to eliminate mistakes from this project.

Table 5.4.1 & 5.4.2 & 5.4.3 show the result report of testing.

### Result 1:

Function	Description	Action	Result	Status	Final
Admin	Login	Valid User id and Pass	True	Success	Passed
Donor	Login	Valid User id and Pass	True	Success	Passed
Club	Login	Valid User id and Pass	True	Success	Passed
Normal User	Login	Valid User id and Pass	True	Success	Passed

Table:5.4.1: Result1

## Result 2:

Function	Description	Action	Result	Status	Final
Admin	Login	Invalid User id and Pass	False	Not Success	Failed
Donor	Login	Invalid User id and Pass	False	Not Success	Failed
Club	Login	Invalid User id and Pass	False	Not Success	Failed
Normal User	Login	Invalid User id and Pass	False	Not Success	Failed

Table:5.4.2: Result2

## Result3:

Function	Action	Result	Status	Final
Admin	All Control	100%	Success	Passed
Donor	Donor Specified work	100%	Success	Passed
Club	Club Specified work	100%	Success	Passed
Normal User	User Specified work	100%	Success	Passed

Table:5.4.3: Result3



## **Chapter 6**

### **Impact on sustainability, the environment, and society**

#### **6.1 Impact on society**

It significantly affects society. It benefits all facets of society, not just the underprivileged. Everyone can control their needs based on their wants. Social impacts include other people's evaluations of your behaviors, your observation of others exhibiting your nature (social modeling), and other people's pressure or assistance in getting your nature into action. Always look for ways to measure the impact of your research as a researcher. Not to mention professional prospects, it is crucial for search. However, we can only create so much noise on our own. A society can be engaged with to increase the volume. A social work that is very practical is used to accomplish this. It serves as an essential role model for social activities, and it is required in our nation as well. because people are less aware of modern life in rural areas.

#### **6.2 Environmental impact**

Since we have already witnessed the destruction and effects of climate change, everyone wants to halt it in its tracks. People in Africa, Asia, Latin America, and many other nations are already suffering as a result of it. For the sake of the most vulnerable among our sisters and brothers and the preservation of God's creation, we have put together this brief guide to encourage people to consider how they might all live in a more ecologically responsible manner. Enjoy utilizing, we hope. The COVID-19 epidemic has had a significant negative influence on the ecosystem and the climate, leaving the entire planet in the midst of a major crisis. and it has had a significant impact on air pollution in several areas. Utilizing this approach can assist you go over the environment's limitations.

### **6.3 Moral Issues**

"The study of ethics, sometimes known as philosophy, involves systematizing, defending, and endorsing views of good and bad action," according to the Internet Encyclopedia of Philosophy. Although ethical problems have always existed in trans management, the modern world has changed the types and scope of these problems. The alarming rise in difficulties and complaints is evidence that the globalization and digitization of the economy have serious ethical challenges as well. In addition to the most recent innovations and projects, ethical concerns have taken on new shapes and dimensions. The rules of nature and system behavior are upheld by ethics. The ratio's elements preserve the system's overall process flow. It's critical to uphold moral principles.

### **6.4 Sustainability Plan**

Sustainability is the capacity to endure forever. The three fundamental areas of sustainability—economic, environmental, and social—also known colloquially as "profits, planet, and people"—are where the notion is most deeply explored. It aids the generation in providing for their essential requirements in the future. The project benefits from it for long-term use. The system's run time increased due to its components. It is quite beneficial for the project. Particularly when a donor chooses to contribute to a project, a sustainability plan aids in determining the course. Additionally, it provides a clear concept and inspires enthusiasm in giving. mostly due to the long-term system. The sustainability strategy is often written with insufficient care. And it hinders the outcome as a whole. If your sustainability strategy is strong, the donor will be persuaded to fund the project. It also includes aspects of financial sustainability, organizational sustainability, and community sustainability.

## Chapter 7

### Summary and Future Direction

#### 7.1 Discussion and conclusion:

Critical Analysis: All users can access my project for free. It's nearly finished. Publicity is required to increase application usage. I did all of the designing and development for it. Therefore, I believe I can improve it if users use the system and provide feedback. It can be good software in our country after being changed in a way that respects the needs of the user.

Limitations I believe there should be some changes because I designed it with my interests in mind. I believe that upgrading this will be more difficult for me if I am working a lot. I consider utilizing Google Maps as well. Unfortunately, Google has decided never to offer this API for free. Thus, the question of money exists. I cannot pay money for this. It is the primary constraint I have in this project. For this project development I faced some obstacles.

- Lack of consensus over the original goals and objectives
- A lack of awareness or support from stakeholders
- inadequate gathering of resources
- Vague project expectations or definitions
- The lack of application of the outcome. Additionally, I felt successful throughout the endeavor.:
- Acquired skills to handle pressure situations
- Control a lot of pressure

## 7.2 Future Scope

- User Profile Add
  - Expand the area
  - Add a feature.
    - • Include a payment system
  - Include Google Map API
- Adding a user profile
  - Add additional features
  - Include a feedback system.

I believe this project taught me a lot. I would like to express my gratitude to everyone who assisted me and gave me such a wonderful opportunity. I believe that this experience will be very beneficial to me in the future and will support the development of new features.

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