

Online Charity Service

BY

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This Report Presented in Partial Fulfillment of the Requirements for the Degree of
Bachelor of Science in Computer Science and Engineering.

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APPROVAL

This Project/internship titled “**Online Charity Service**”, submitted by Anamul Haque, ID No: 201-15-3365 to the Department of Computer Science and Engineering, Daffodil International University has been accepted as satisfactory for the partial fulfillment of the requirements for the degree of B.Sc. in Computer Science and Engineering and approved as to its style and contents. The presentation has been held on 19/01/2023.

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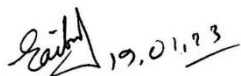
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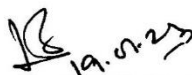
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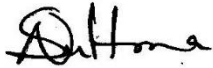
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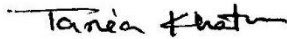
We hereby declare that, this project has been done by us under the supervision of **Ms. Naznin Sultana, Associate Professor, Department of CSE** Daffodil International University. We also declare that neither this project nor any part of this project has been submitted elsewhere for award of any degree or diploma.

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Finally, we must acknowledge with due respect the constant support and patients of our parents.

ABSTRACT

The main goal of my project is to create a new platform for helping all country orphans and underprivileged children. provide them Support of Food, Education, Medical, Accommodation and Cloth. This project also intended as a guide for social workers and philanthropists when helping orphans and underprivileged children. This Project work is a try to analyze web-based services oriented towards financial Support for various country orphans and charity Campaign. Through this project we will create campaigns to help orphans and underprivileged children of different countries and upload it on the website. Through this, social workers and philanthropists who want to help can visit our website and see our campaigns. Social workers and philanthropists can donate to the campaign of the country they wish to help orphans and underprivileged children. There will be options of different accounts for donating, donors can donate through any account and can select different currencies. As our project will be global, we will have volunteers in each country to conduct volunteer investigations and list orphans and underprivileged children. And we will campaign with them. No charges will be deducted from the donor's account until the campaign is over. And our volunteers will present all the documentation after the campaign. Donors can live chat with us for any need. Basically through this project we will be able to help orphans and underprivileged children in all kinds of ways .

TABLE OF CONTENTS

CONTENTS	PAGE
Board of examiners	i
Declaration	ii
Acknowledgements	iii
Abstract	iv
 CHAPTER	
CHAPTER 1: INTRODUCTION	1-2
1.1 Introduction	1
1.2 Motivation	1
1.3 Objectives	1-2
1.4 Expected Outcome	2
1.5 Summary	2
 CHAPTER 2: BACKGROUND	3-7
2.1 Developing the Website	3
2.2 Related website	3-5
2.3 Registration/Login	5
2.4 Dashboard	6
2.5 Category	6
2.6 Campaign	6
2.7 Language	6
2.8 Blog	6
2.9 Home Page	7
2.10 Contact us	7
2.11 Search	7

2.12 Currency	7
2.13 Live Chat	7
2.14 Payment System	7
2.15 Volunteer Service	7
 CHAPTER 3: REQUIREMENT ANALYSIS AND SYSTEM SPECIFICATION	 8-9
3.1 Requirement Specification	8
3.2 Requirement Planning & Management	8
3.3 Requirement Collection & Analysis	8
3.4 Functional Requirements	9
3.5 Requirements	9
 CHAPTER 4: DESIGN ANALYSIS AND SPECIFICATION	 10-16
4.1 Design Specification	10
4.2 Customer Specification	10-11
4.3 Method of Development	11
4.4 Used Tools and Languages	11
4.5 Use – Case Diagram	12
4.6 Class Diagram	13
4.7 Data flow diagram	14
4.8 Activity Diagram	15-16
4.9 Block Diagram	16
 CHAPTER 5: IMPLEMENTATION AND TESTING	 17-34
5.1 Fronted Design	17-26
5.2 Backend Design	26-20
5.3 Implementation of Front-end design & backend design	31-32

5.4 Test	32
5.5 List of Test	32-34
CHAPTER 6: IMPACT ON SOCIETY, ENVIRONMENT AND SUSTAINABILITY	35-36
6.1 Impact on Society	35
6.2 Imact on Environment	35
6.3 Ethical Aspect	36
6.4 Sustainability plan	36
CHAPTER 7: CONCLUSION AND FUTURE PLAN	37
7.1 Conclusion	37
7.2 Future Plan	37
7.3 Limitation of this project	37
REFERENCES	38
PLAGIARISM REPORT	39

LIST OF FIGURES

FIGURES		PAGE NO
Figure 2.2.1	Savethechildren.net	4
Figure 2.2.2	Msf.org	5
Figure 4.5	Use-Case Diagram	12
Figure 4.6	Class Diagram	13
Figure 4.7	Data Flow Diagram	14
Figure 4.8	Activity Diagram	15
Figure 4.9	Block Diagram	16
Figure 5.1.1.1	Home Page	17-19
Figure 5.1.1.2	Contact Us	20
Figure 5.1.1.3	About Us	21
Figure 5.1.1.4	Privacy and Policy	21
Figure 5.1.1.5	Campaign	22
Figure 5.1.1.6	Blog	22
Figure 5.1.1.7	Currency	23
Figure 5.1.2.1	Admin Dashbord	23
Figure 5.1.2.2	Customer	24
Figure 5.1.2.3	Withdraws	24
Figure 5.1.2.4	All Campaign	25
Figure 5.1.2.5	All Donation	25
Figure 5.1.2.6	Payment Gateways	26
Figure 5.2.1	Admin Login	27
Figure 5.2.2	Database	28
Figure 5.2.3	User Login /Registration Page	28-29
Figure 5.2.4	User Profile	30
Figure 5.2.5	Live Chat	30

CHAPTER 1

Introduction

1.1 Introduction

In view of the growing growth and use of the web, we have decided to create the "Online Charity service" website. And my website will be a basic helping system for Orphans and the underprivileged. There will be a system to support those who are orphans and underprivileged like Food, Education, Medical, Accommodation, and Cloth. Obviously, it's possible through the donation of social workers and philanthropists. Font-End: Html, CSS, J-Query, PHP.

Back-End: Laravel

1.2 Motivation

Following nature's rules, like orphans or underprivileged children, many rely on strangers' generosity to get help rebuild their lives. Donations to charity relief organizations, local food banks, and other charities can make a big difference to people in our society who are in great need. However, we know that not everyone who can donate to these organizations ends up opening their financial hand. In fact, a phenomenon known as compassion collapse (or fade) can make people less generous following catastrophic situations—or any time we are faced with many people in need. Are there ways that charities and individuals can help overcome our tendency to limit generosity? Fortunately, several studies suggest that There are many ways to help them.

1.3 Objectives

- By using this website we can help orphans and underprivileged children very easily.
- You can provide financial help to orphans and underprivileged children by accessing the website with any smart device you have.
- Users will be able to give us feedback. So that they have no problem helping orphans and underprivileged children.
- Everyone can use this website. And we will campaign with orphans and underprivileged children in different countries of the world.

- At the end of the campaign the volunteer will present the campaign documentation. Donors' money will not be deducted from their accounts until the campaign is over. So that they can help orphans and underprivileged children very easily.

1.4 Expected Outcomes

- Can donate to orphans and underprivileged children from any country.
- Donor can pay through any account in online banking.
- The donor will help orphans and underprivileged children safely.
- It's very helpful for our world. Especially for orphans and underprivileged children.

1.5 Summary

We will always strive to provide the best service to our campaign so that they can easily help and support us financially through online services. In addition to this, we expect to create a platform for better service to both our types of orphans and the Underprivileged. Because the idea of such a platform saves the people of all countries And our main goal is to give them good service. People today are not getting good services for financial problems. For this, we have taken this online service initiative to reduce their suffering. We hope such services will help them a lot.

CHAPTER 2

Background

2.1 Developing the Website

This website for helping to all country orphans and underprivileged children. This chapter outlines relevant publications, comparative research, the extent of the issue, and the difficulties. This section will cover why we created more websites despite the industry has a number of comparable charity websites already. Through our website research, we were able to identify all of the benefits and justifications for each website. Having done this, we can develop a good relationship between orphans, underprivileged children, and Social workers and philanthropists. Also, Social workers and philanthropists easily donate money using our web website can save time.

2.2 Related Applications

Everywhere in the world, there are several websites. Particularly if we discuss our nation, there are several websites. Such as saving the children, Most related medicines Sans Frontieres. Their project isn't the same as ours. Because some concepts are related to our project and any user-friendly alternatives.

2.2.1 Savethechildren.net

While we want to ensure the benefits of orphans and underprivileged children spread all over the world but Save the Children only work with a small number of children and they work online but we use website to create online and physical campaigns to help orphans and underprivileged children can do.

References

<https://www.savethechildren.net>



RECOMMENDED PUBLICATIONS

Figure: 2.2.1 Savethechildren.net

2.2.2 Medecins Sans Frontieres (msf.org)

While we want to ensure all kinds of benefits to orphans and underprivileged children around the world, Medecins Sans Frontieres is only working to provide medical support. On the other hand by using our website we can ensure all kinds of facilities for children like food, education, medical, shelter and clothing.

References

<https://www.msf.org>

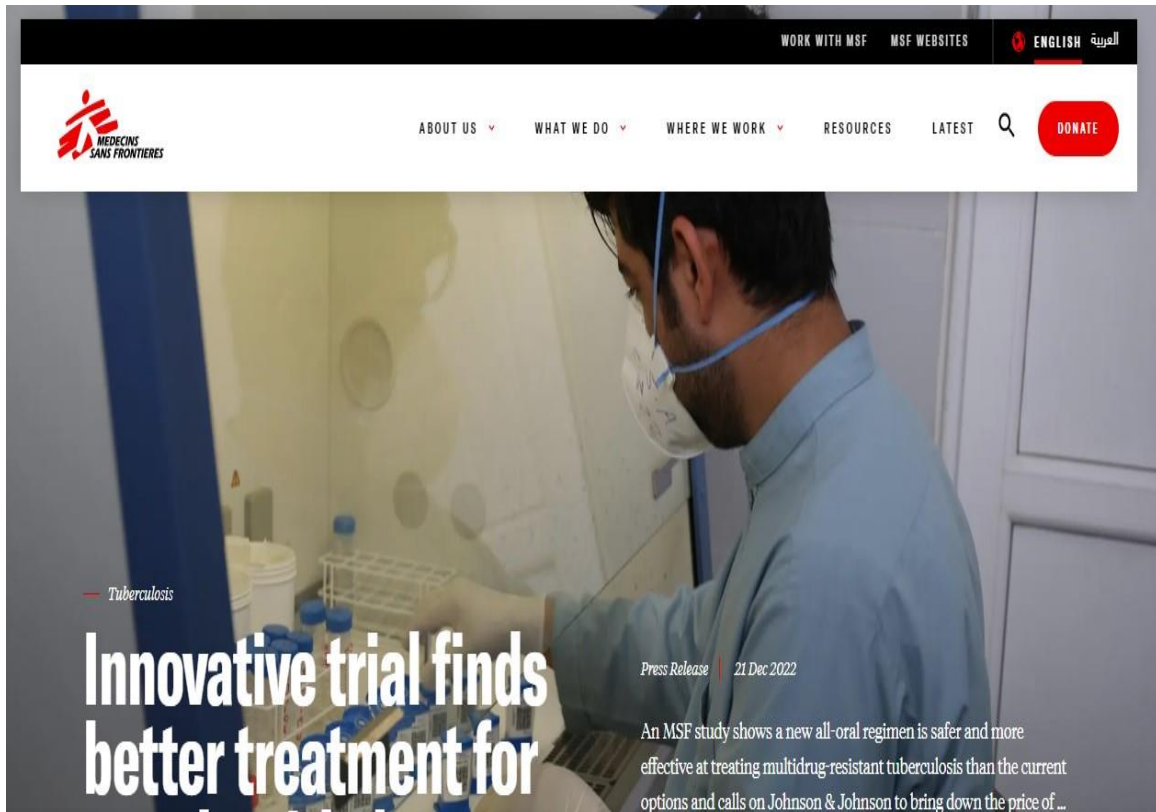


Figure:2.2.2 msf.org

2.3 Registration/Login

In this area, users may register and log in. Three different user types will be present on this website: a user, a volunteer, and an administrator. Here, users may register as a user and acquire profiles with space for their donations and information about those things. The site's owner will have total control. Only Admin has access to donation acceptance and cancellation, campaign confirmation, communications, orphan list lists, and payment checks. Only after logging in or registering may users add donate to their money and move on to the accounts form. After logging in, the user may evaluate the campaign. One may just access the website as a guest and browse the campaign if they don't have an account. Volunteers may access the website and work in field will be a campaign. He also collects orphan and underprivileged children's information and may attend the campaign.

2.4 Dashboard

After entering in as the admin, the user will be able to see the admin panel dashboard. The admin will have certain tools at their disposal on the dashboard. As follows:

- All Campaign
- Pending Campaign
- Total post
- Total donation amount
- Total users
- Total team member
- Subscriber list
- Message
- Logout

2.5 Category

After entering the category, the admin will see different types of campaign topics like health, food, fashion and accommodation and can create new category if desired.

2.6 Campaign

After entering the campaign admin can see all campaigns and can create new campaign if desired and can see all campaign pending and also see how much money has been donated.

2.7 Language

Admin can change the language for the convenience of the user. There will be different language options. Like English, Bengali and Arabic etc.

2.8 Blog

Within the blog, admin can create blogs of different categories and post them like entrepreneurship, mechanical, agriculture, chemical, manufacturing etc.

2.9 Home Page

Admin can go to home page and setup home page. Like Service Counter, Features Section, Donate Section, Call Back Information, Team Section Portfolio Section, Latest Blog Section and Home Page Customization.

2.10 Contact Us

One-way messaging is used in this system. By utilizing this, our customer, vendor, or visitor may quickly send us any message. A person can utilize it if they wish to tell us of anything, learn something from us, or get in touch with us. Only the admin will get the messages.

2.11 Search

Customers may use this to search for their chosen campaign, and if any matching items are found, they will be displayed to them. Customers will be informed that no results were discovered for their specific keyword search if there are no matches.

2.12 Currency

Users can use the currency according to their convenience.

2.13 Live Chat

Users can chat live with the admin. And can give different information. This will only admin control.

2.14 Payment

Admin can go to payment options and see different payment gateways like Mollie Payment, PayPal, Stripe etc. and he can create payment gateways and also change currency here.

2.15 Volunteer

After going to the volunteer service, the admin will be able to see and manage the information of the volunteers. Volunteers can also be added by admin.

CHAPTER 3

Requirement Analysis and System Specification

3.1 Requirement Specification

The analysis of requisites is an important process for the development of any project. The details of the analysis of requisites must register for every step and the result of the analysis has to be able to be calculated by a positive test. The requisites can be of many types, as structural, functional and not functional. To construct a better project requisite are needed. The project must expire with the minimal requisites so much of hardware as of software.

3.2 Requirement Planning & Management

Our primary need for this application was project planning. That is what will happen. Where should what go? We need to be knowledgeable with web development jargon like HTML, CSS, PHP, J -Query, and Laravel. These are commonly referred to as the foundational elements of the Web. These three tools are the most often used in web development. When it comes to online marketing structures, two social affairs coordinate with the process, and certain customers are required to place orders. In the alternate arrangement, a programmer might process the system.

3.3 Requirement collection & analysis

- Admin login
- Dashboard Location
- Register user
- Manage pages
- Update contact information
- User sing up
- User login
- Profile setting
- Update password
- Sign out

3.4 Functional Requirements

- Page used to log a new user in.
- The meeting start page, which allows registered users to start meetings on their accounts.
- A feature that automatically adds chosen items to a cart.
- Controlling user authentication.
- The done, live chat, and details of the campaign will be displayed.
- A feature that allows users to provide campaign reviews and assessments.
- Quick, certain, and responsive.
- Improved control of safety for orphans, underprivileged children, and users.
- Easy and secure payment.

3.5 Requirements

The required hardware and software needed to run this application must be taken into account first. There are a few hardware and software requirements for this program to operate efficiently.

- Visual Studio Code.
- J-Query, PHP for language.
- Html, CSS and Bootstrap for styling.
- XAMPP for database.
- Laravel for developing

CHAPTER 4

Design Analysis & Specification

We can estimate the structure and modules of a project for the fulfillment of the user's requirements using the system's design.

4.1 Design Specification

Any kind of website must have two components that are designed. The first is front-end design, whereas the second is back-end design. Different teams of web developers work on the front and back ends of a website. Front end development is the term for programming that focuses on the visually appealing, user-interactive components of a website or app (the customer side). In contrast, back-end development focuses on the server/admin side of a website, which is the part that visitors can't see.

4.2 Customer Specification

- Donate money according to the campaign: After logging in, user can click on the donate button and perhaps modify their donation.
- Allowing user to place donation in their card and cancel them will allow them to do both.
- Allowing the user to create a personal account by supplying the necessary information, your client may create an account.
- Permit the user to change their password. user can update their current passwords using this option.
- User can change currency and make donation.
- User can live chat with admin if needed.
- User can create campaign manually and it will show pending till admin accept.
- Our campaign will be created for different countries. Users who want to help the orphans and underprivileged children of the country will see the payment gateway on the interface of this country and click on Donate button and can make the payment there with the necessary information.
- Besides, users can read the blog on our page and can contact us by contacting us for any need. The campaign for which the user donates will receive campaign updates.

4.3 Method of Development

The development process is essentially a maintenance strategy for a project, where achieving goals depends mostly on motivation. The projects are consistently supported in order for them to finish with all the requirements for a certain target. We chose the Laravel approach, which is the greatest choice for us, to create our application. The following is a description of our project's development phases:

- Organization and design
- Execution and Construction
- Control of the system

4.4 Used Tools and Languages

For the development of our project, we have used some tools and languages which are listed below:

Tools

- Local Server: XAMP
- Database Server: MySQL
- IDE: Visual Studio code

Languages

- Laravel
- HTML
- CSS
- jQuery
- Php

4.5 Use – Case diagram

The Use-Case diagram for this project is shown below.

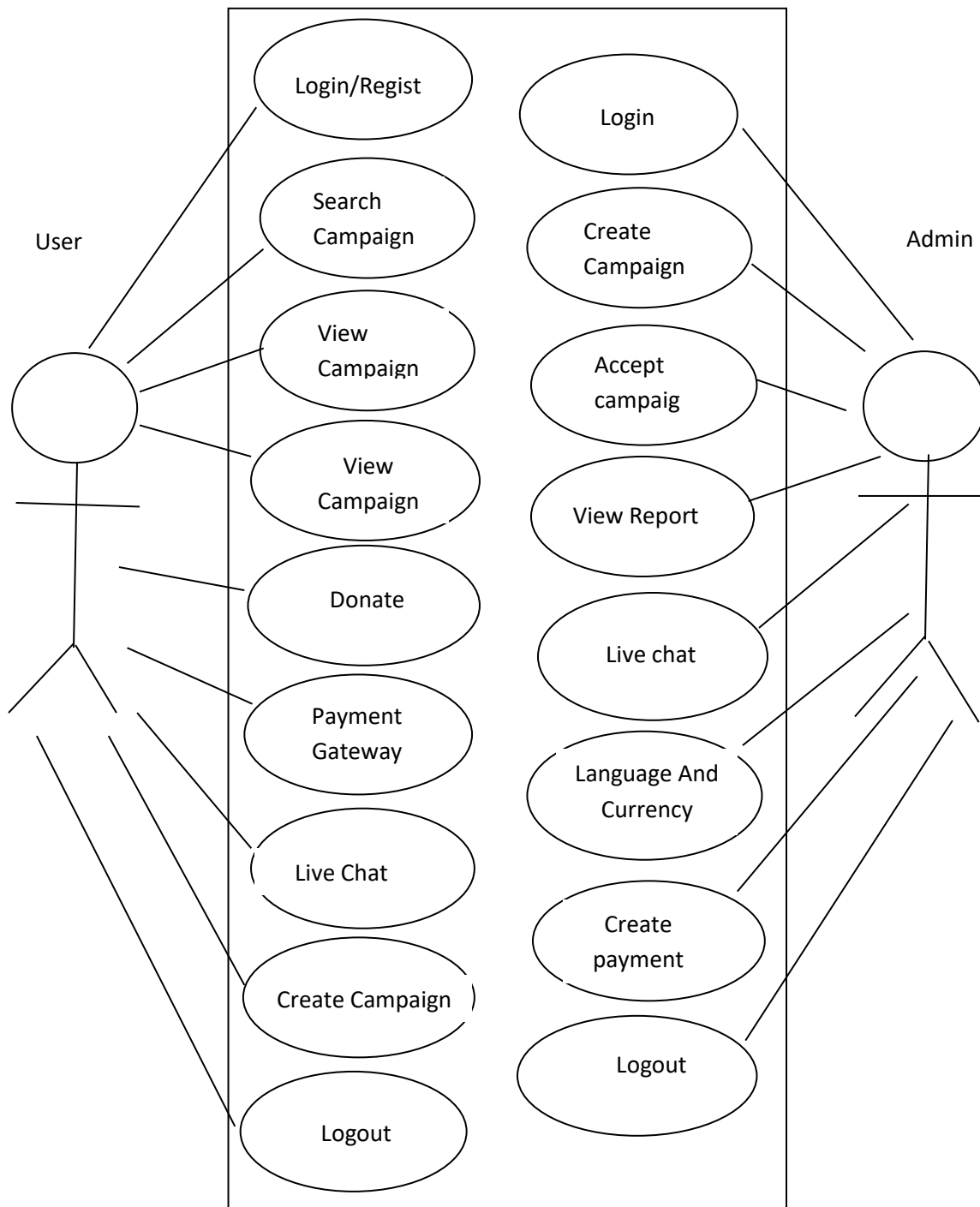


Figure 4.5: Use – Case diagram

4.6 Class diagram

The class diagram for this project is shown bellow.

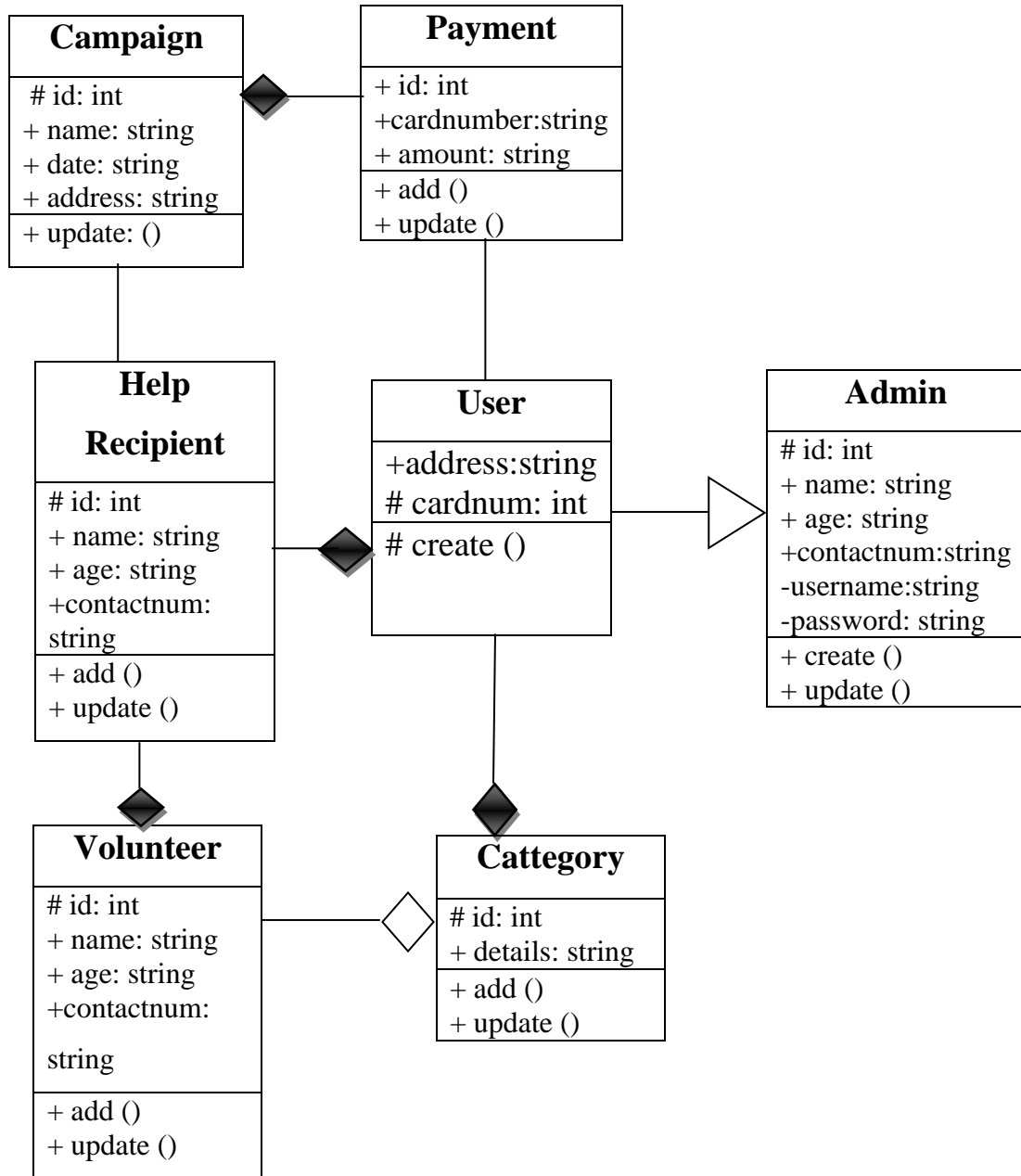


Figure 4.6: Class diagram

For an online service, we have designed a diagram to highlight the links between classes and other project categories. It includes information about class relationships, methods, and attributes.

4.7 Data flow diagram

The Data flow diagram for this project is shown bellow.

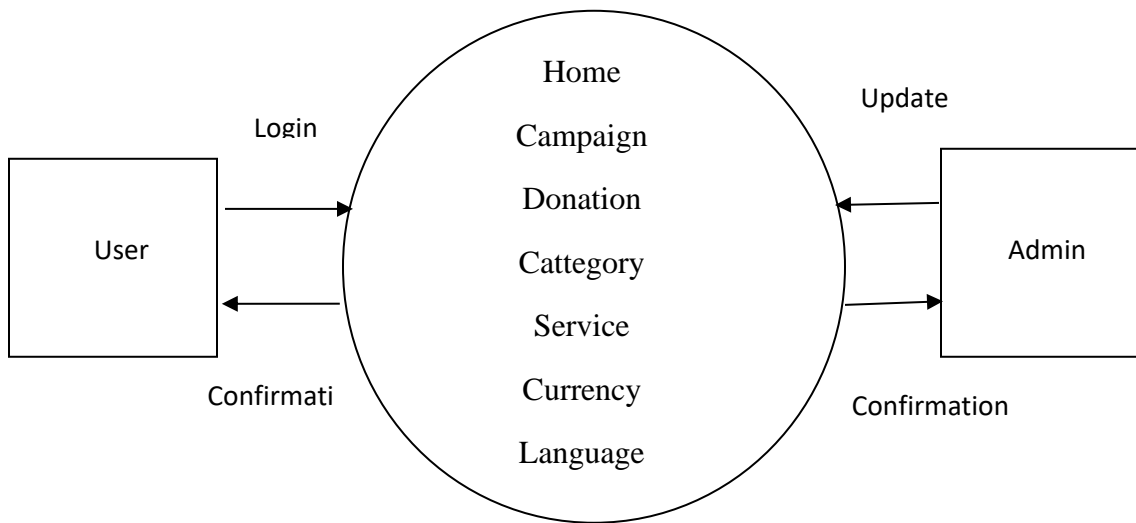


Figure 4.7: Data flow diagram

It uses preset symbols like rectangles, circles, and arrows as well as short text labels to indicate the data inputs, outputs, storage places, and pathways between each destination.

4.8 Activity diagram

The Activity diagram for this project is shown below.

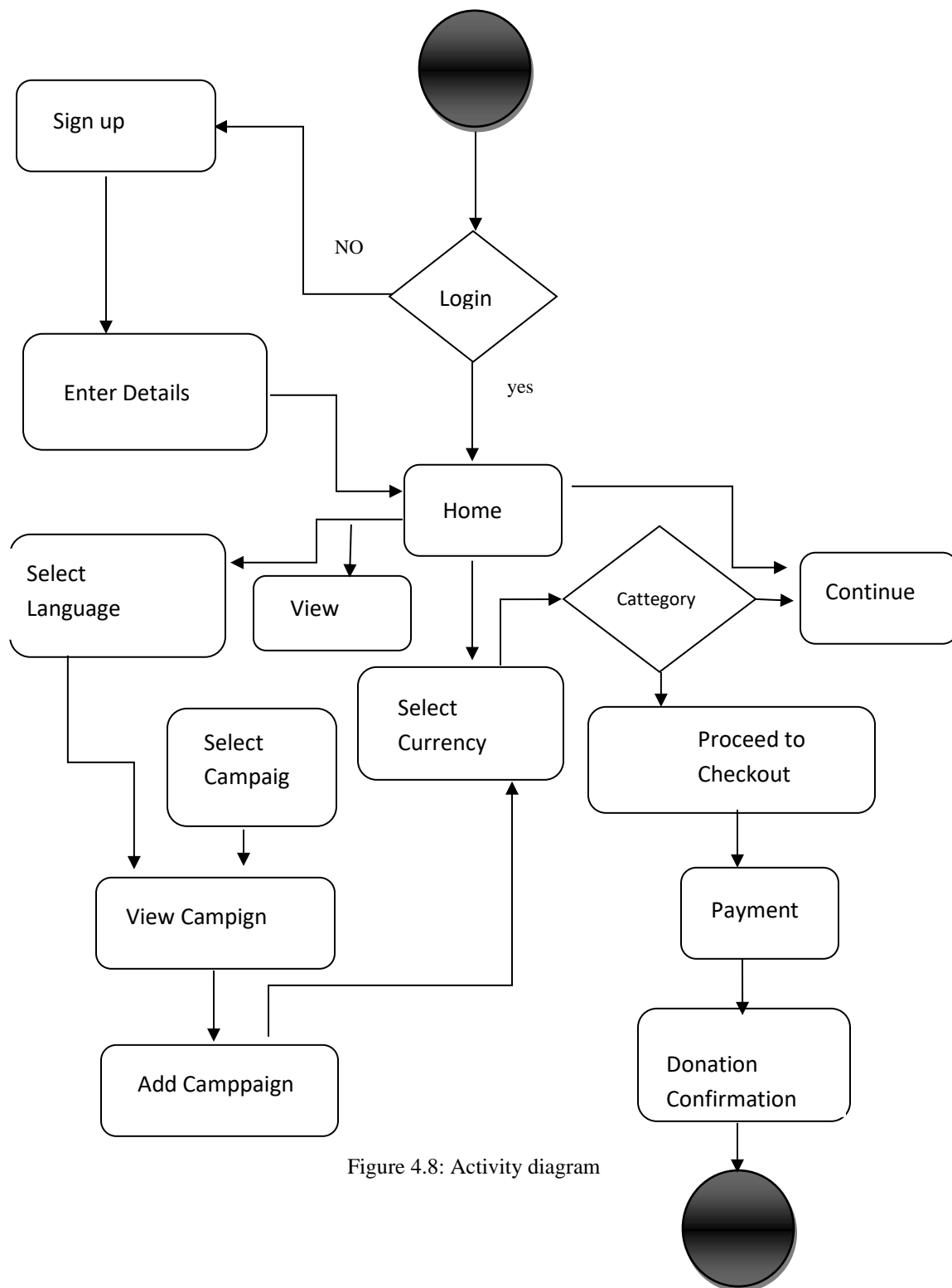


Figure 4.8: Activity diagram

This is the Login Activity Diagram for the Online charity service, which shows the many steps involved in logging in. Admins can use this diagram to enter their username and password to log in. The user can manage all operations related to Campaign Categories, Donate, payments, and categories after logging in. Users can only view the secure pages after logging in, and such pages include campaign and Payment Categories. An online charity service login page is depicted in the diagram below. The payment, campaign category, donation, payment, and Category pages all interact with one another during the Activity, and users will not be able to visit this page without first authenticating their identity.

4.9 Block diagram

The Block diagram for this project is shown below

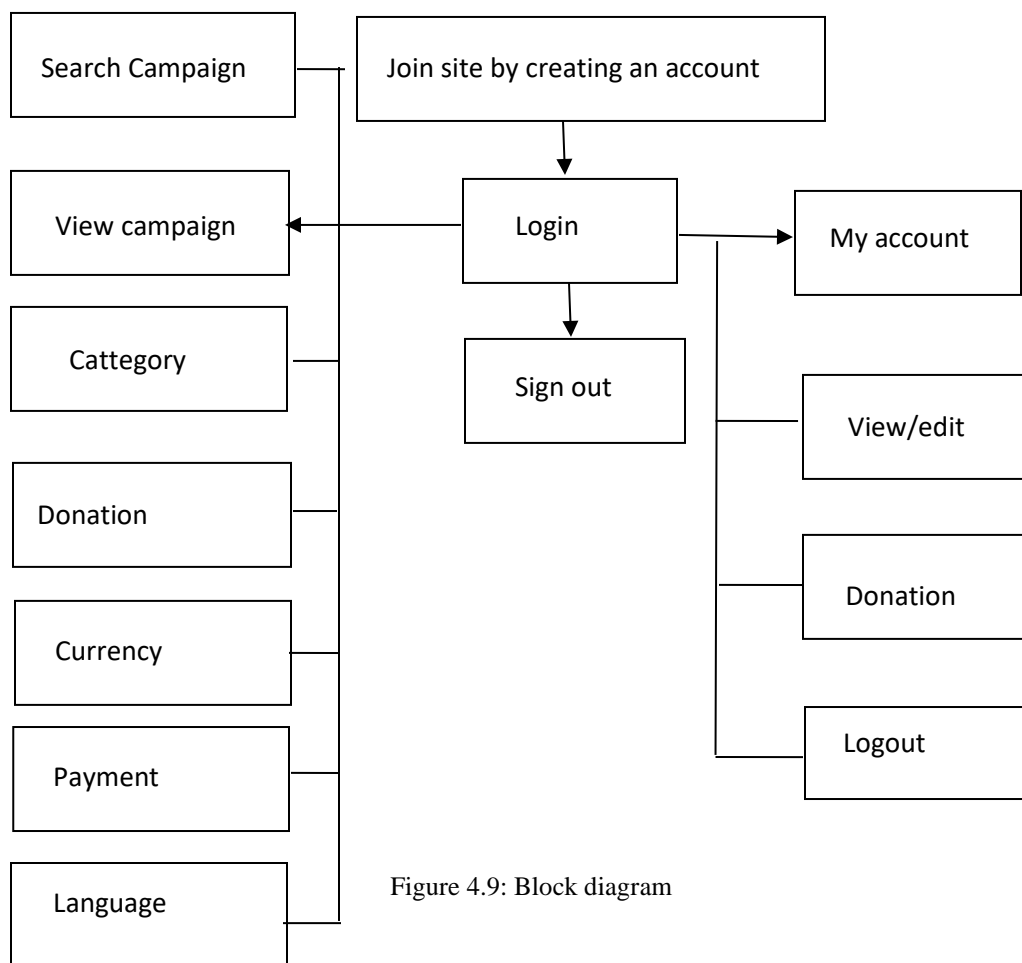


Figure 4.9: Block diagram

CHAPTER 5

Implementation

5.1 Frontend Design

Frontend design is the procedure for making up a user interface by writing the HTML, CSS and presentational PHP code.

5.1.1 Frontend Design for menu page

Homepage



Figure: 5.1.1.1 Home Page



We're helping hand on

90,100 Children in 120+ Countries.



30132
Volunteer



3000
Volunteer




3000
Volunteer



5000
Volunteer

Figure: 5.1.1.1 Home Page




[Home](#)
[Campaigns](#)
[Blog](#)
[Pages](#)
[Contact](#)
[Login / Register](#)

USD

Q

Latest Campain




Donate Now

Campaign for Africa

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse id congue lorem, sed egest

6.5%




Donate Now

Campaign For Africa

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse id congue lorem, sed egest

7.5%



Donate Now

Campaign For India

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse id congue lorem, sed egest

0%

Figure: 5.1.1.1 Home Page

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18



Figure: 5.1.1.1 Home Page

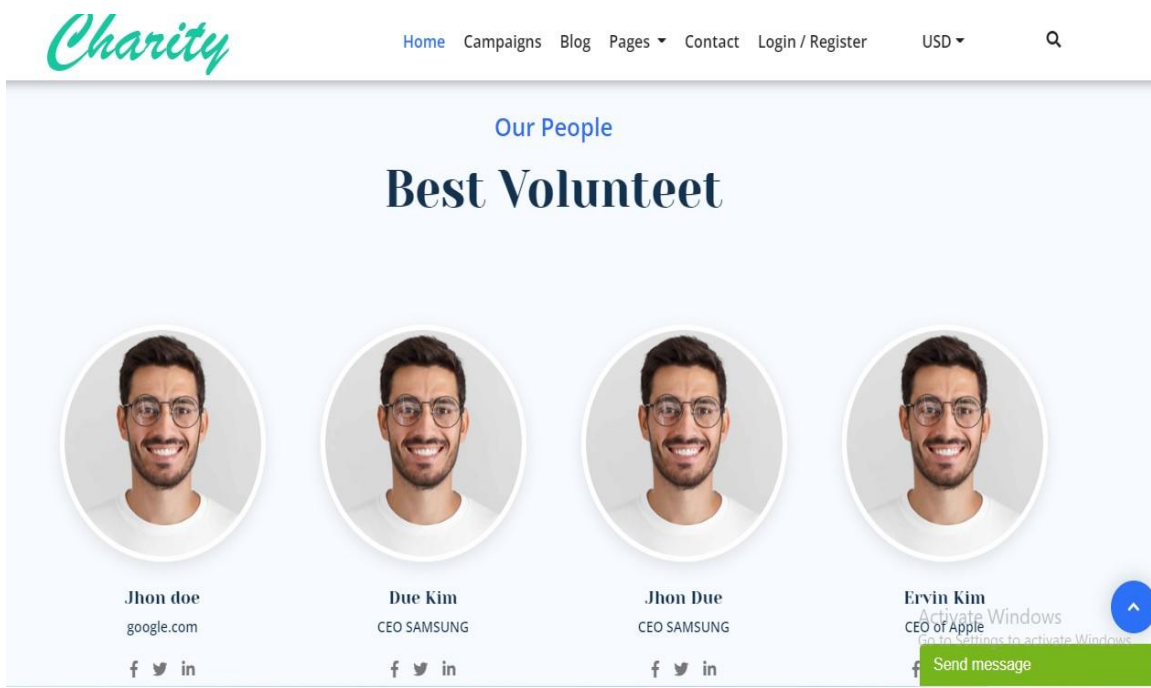


Figure: 5.1.1.1 Home Page

Contact Us

Charity Home Campaigns Blog Pages **Contact** Login / Register USD Q

Let's Connect
Get in touch with us

Name*

Phone Number*

Email Address*

Your Message*

HveXz 1

Enter Code*

Let's Connect
Get in touch with us

[https://geniusocean.com/
anamul15-3365@diu.edu.bd](https://geniusocean.com/anamul15-3365@diu.edu.bd)

3584 Hickory Heights Drive
,Hanover MD 21076, USA

+8801795735735
00 000 000 0001

Social Links :

Activate Windows
Go to Settings to activate Windows

f G+ t Send message

Figure: 5.1.1.2 Contact Us

Charity Home Campaigns Blog Pages **Contact** Login / Register USD Q

Charity

Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsa quae ab illo inventore veritatis et quasi architecto beatae vitae

Address

3584 Hickory Heights Drive ,Hanover MD 21076, USA

+8801795735735

anamul15-3365@diu.edu.bd

Newsletter

Enter Your Email Address

We're social, connect with us:

f G+ t in

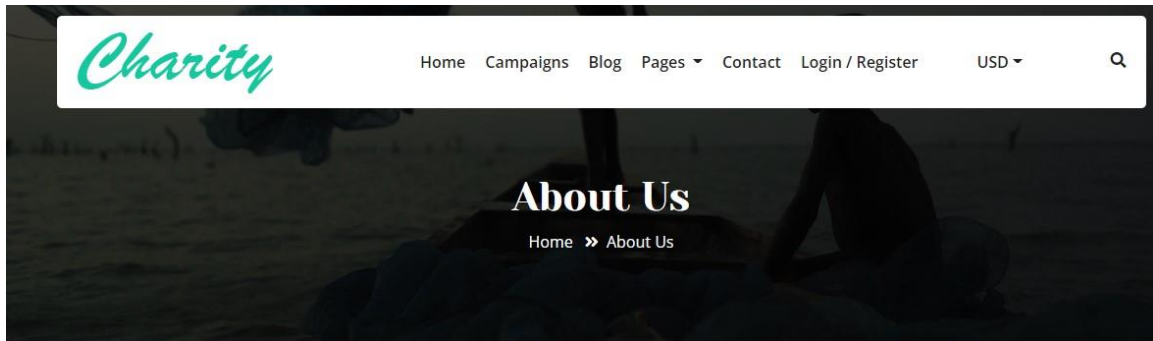
Activate Windows
Go to Settings to activate Windows

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Send message

Figure: 5.1.1.2 Contact Us

About Us

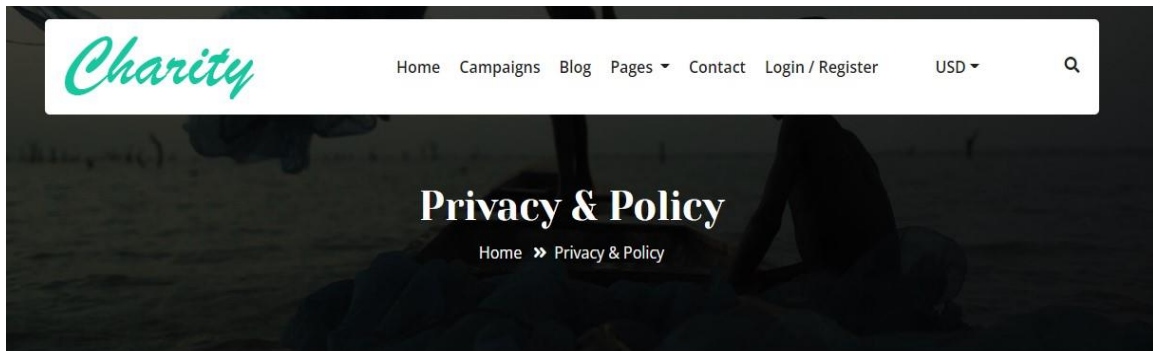


My Website

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has survived not only five centuries, but also the leap into electronic typesetting, remaining essentially unchanged. It was popularised in the 1960s with the release of Letraset sheets con-

Figure: 5.1.1.3 About Us

Privacy & Policy



Privacy and Policy for my website

Do you have a website, blog, or app on the internet? If yes, then you absolutely need to have a Privacy Policy for it.

Today, online privacy is more important than ever. Everyone should care about privacy and comply with the privacy laws of the respective jurisdiction.

Figure: 5.1.1.4 Privacy and Policy

Campaign

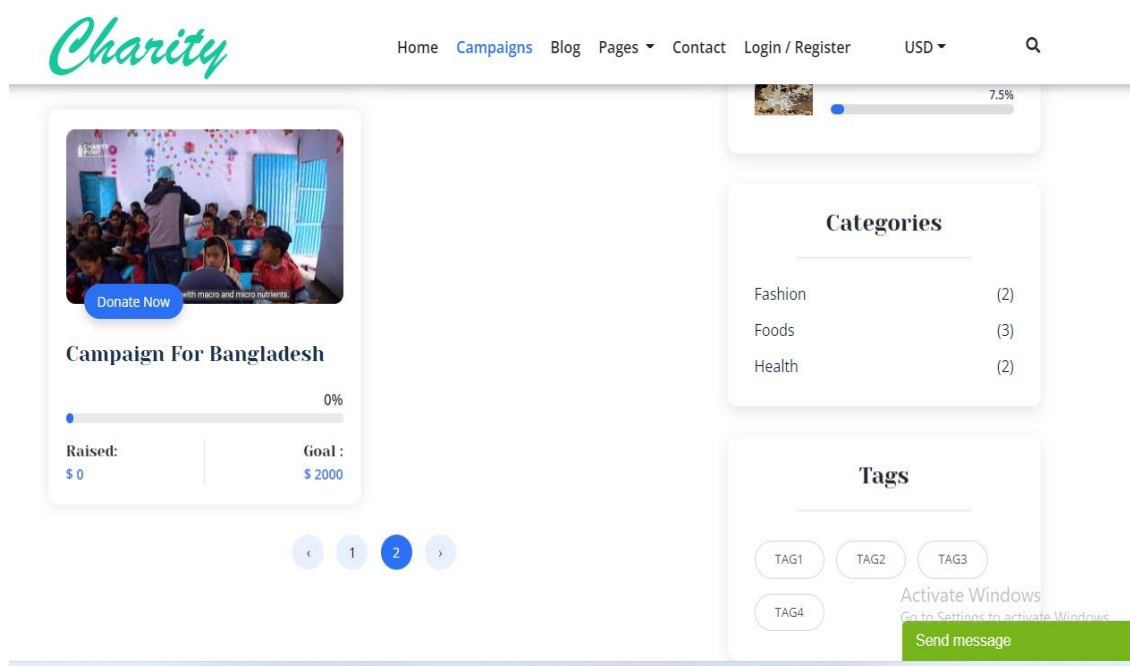


Figure: 5.1.1.5 Campaign

Blog

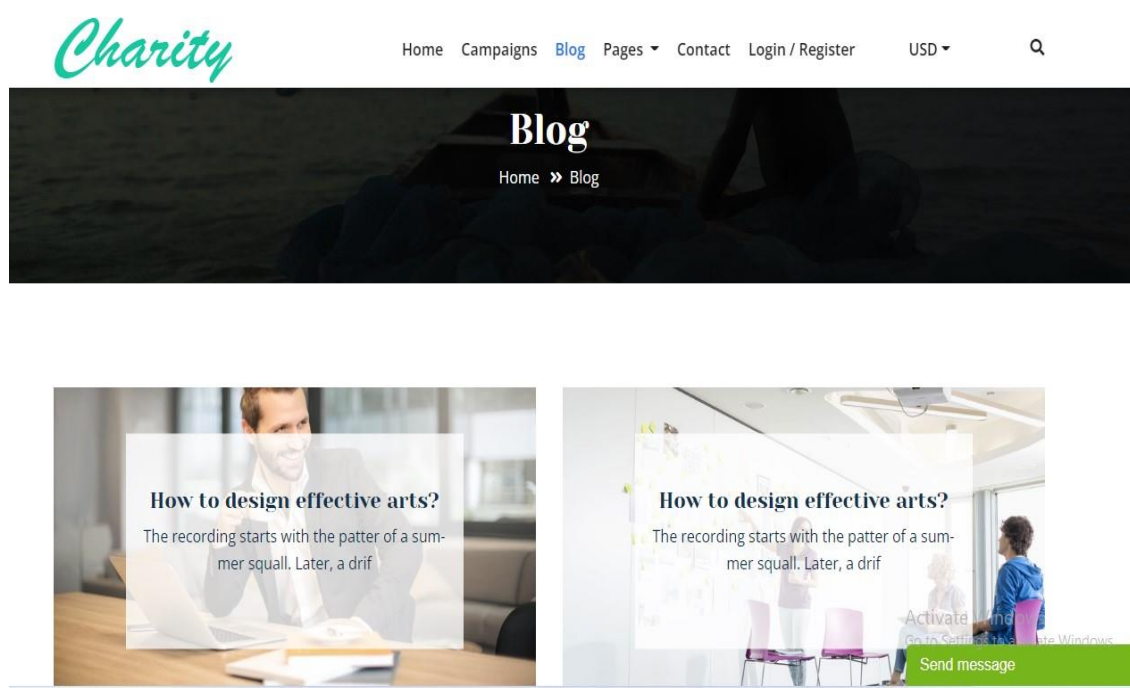


Figure: 5.1.1.6 Blog

Currency

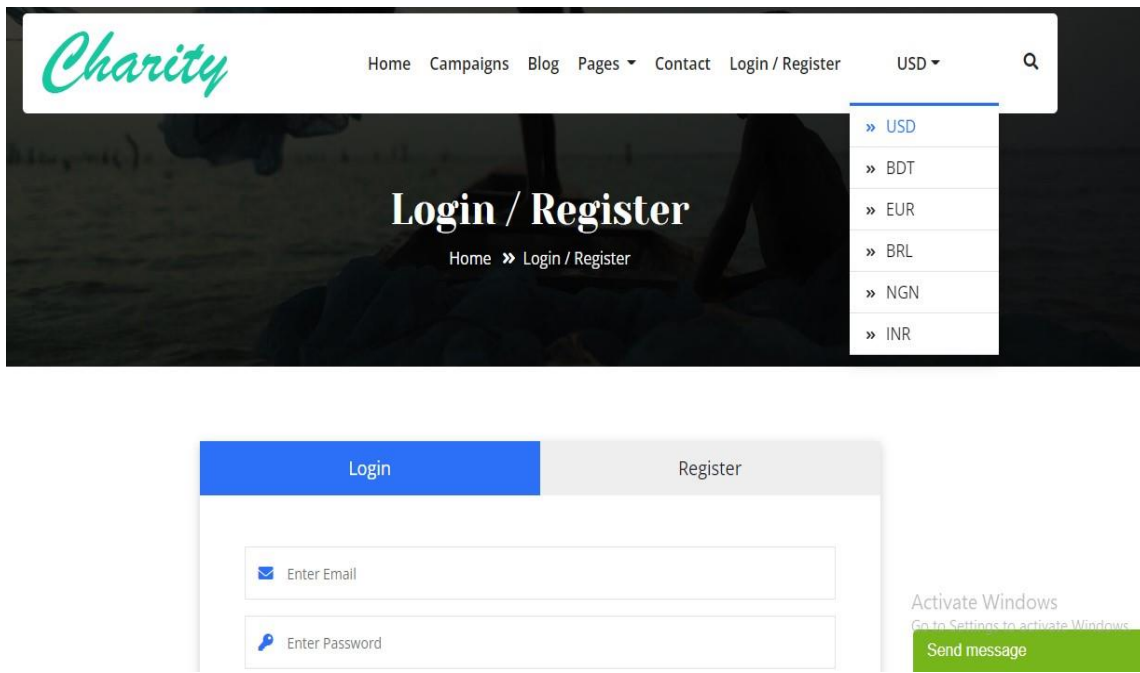


Figure: 5.1.1.7 Currency

5.1.2 Frontend Design for Admin Dashboard

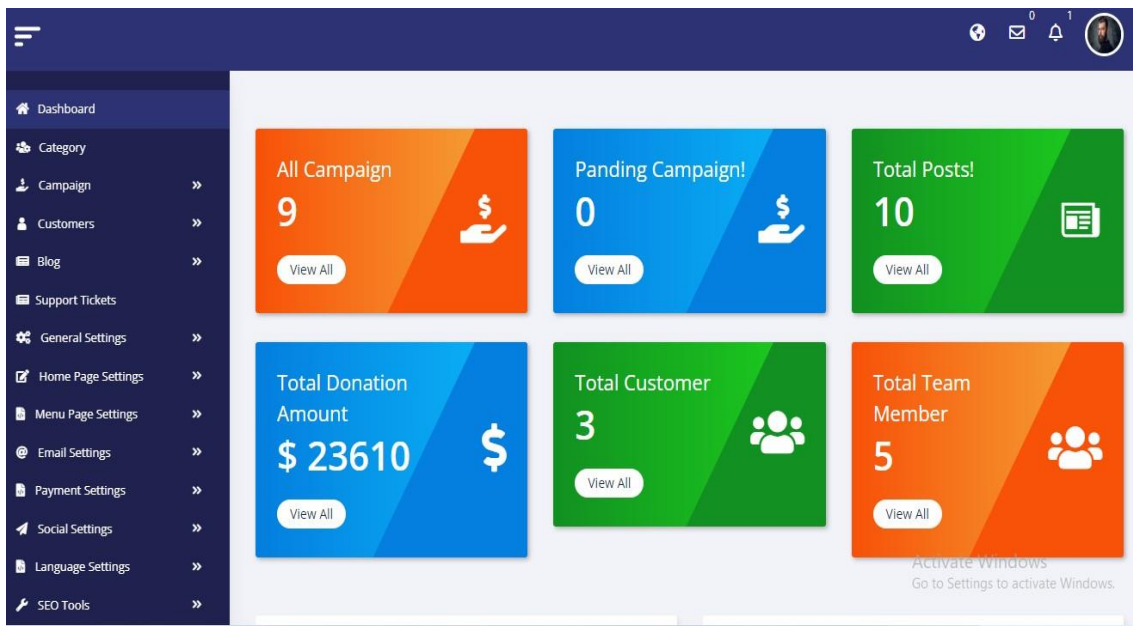


Figure: 5.1.2.1Admin Dashboard

Customer

Customers

Dashboard > Customers

Show 10 entries Search:

Name	Email	Actions
user	user@gmail.com	Details Edit Send Delete
showrav Hasan	teacher@gmail.com	Details Edit Send Delete
Anamul Haque	anamul15-3365@diu.edu.bd	Details Edit Send Delete
Anamul Haque	anamul@gmail.com	Details Edit Send Delete

Showing 1 to 4 of 4 entries

Previous 1 Next

Figure: 5.1.2.2 Customer

Withdraws

Withdraws

Dashboard > Customers > Withdraws

Show 10 entries Search:

Email	Phone	Amount	Method	Withdraw Date	Status	Actions
No data available in table						

Showing 0 to 0 of 0 entries

Previous Next

Figure: 5.1.2.3 withdraws

All Campaign

Dashboard
Category
Campaign
All Campaign
Pending Campaign
All Donation
Customers
Blog
Support Tickets
General Settings
Home Page Settings
Menu Page Settings
Email Settings
Payment Settings
Social Settings
Language Settings
SEO Tools

All Campaign

Dashboard > Campaign

Show 10 entries Search:

[+ Add New Campaign](#)

Name	Goal	Funded	Status	Date	Options
Campaign For Bangladesh	\$ 100	\$ 0	Open	2/2/2023	Edit View
Campaign For Bangladesh	\$ 2000	\$ 100	Open	1/2/2023	Edit View
Campaign For China	\$ 1998	\$ 0	Open	01/31/2023	Edit View
Campaign for Nepal	\$ 2000	\$ 0	Open	01/31/2023	Edit View
Campaign for China	\$ 2000	\$ 0	Open	01/31/2023	Edit View

Figure: 5.1.2.4 All Campaign

All Donation

All Campaign
Pending Campaign
All Donation
Customers
Blog
Support Tickets
General Settings
Home Page Settings
Menu Page Settings
Email Settings
Payment Settings
Social Settings
Language Settings
SEO Tools
Manage Staffs
System Activation

All Donation

Show 10 entries Search:

Name	Campaign	Email	Amount	Status	Date	Action
user user	Campaign For Africa	user@gmail.com	\$ 100	Completed	5 days ago	View
Anamul Haque Anamul Haque	Campaign for Africa	anamul@gmail.com	\$ 100	Completed	5 days ago	View
	Campaign for Africa		\$ 100	Completed	6 days ago	View
	Campaign For Bangladesh		\$ 100	Completed	6 days ago	View
anamul anamul	Campaign For Africa	anamul15-3365@diu.edu.bd	\$ 100	Completed	1 week ago	View
user user	Campaign For India	user@gmail.com	\$ 7500	Completed	1 year ago	View

Figure: 5.1.2.5 All Donation

Payment Gateways

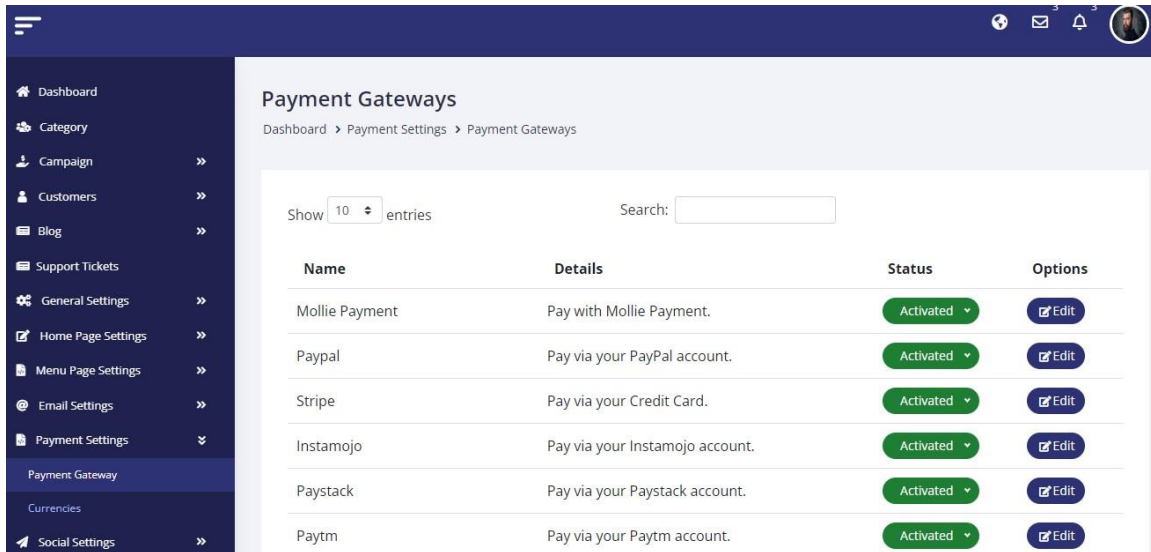
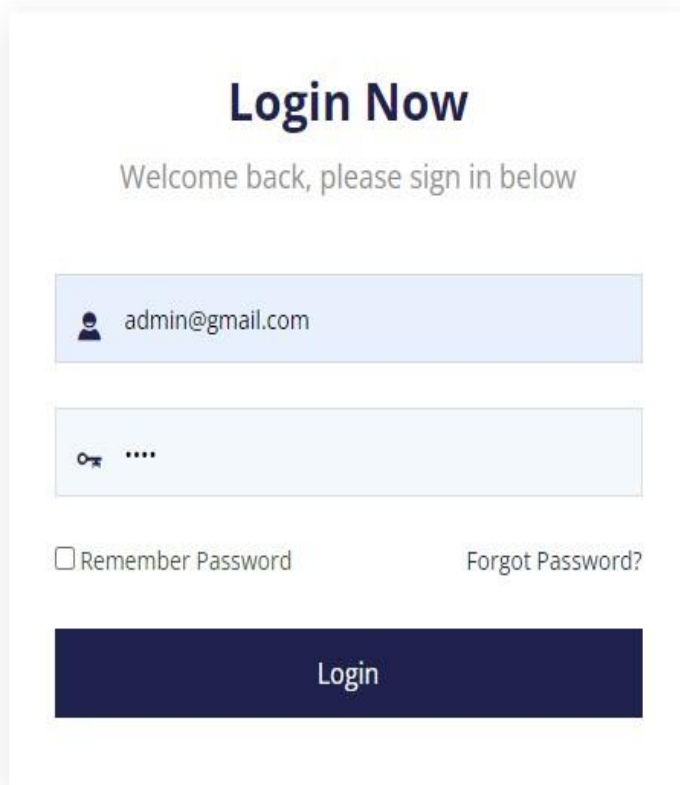


Figure: 5.1.2.6 Payment Gateways

5.2 Backend Design

Backend refers to the area of a website that visitors cannot view. Everything that takes place in a web browser prior to the page being displayed is considered the backend, and developing those components for the purpose of showing the page is referred to as backend design.


Admin login




The image shows a login form titled "Login Now". Below the title is a welcome message: "Welcome back, please sign in below". There are two input fields: the first is for the email address, containing "admin@gmail.com", and the second is for the password, represented by four dots. Below the password field are two links: "Remember Password" with an unchecked checkbox, and "Forgot Password?". At the bottom is a dark blue "Login" button.

Login Now

Welcome back, please sign in below

 admin@gmail.com



☐ Remember Password [Forgot Password?](#)

Login

Figure: 5.2.1 Admin Login

Database

The screenshot shows the phpMyAdmin interface for a database named 'charity'. The left sidebar lists various tables including admins, admin_languages, admin_user_conversations, admin_user_messages, blogs, blog_categories, callback_messages, campaigns, categories, counters, currencies, donations, email_templates, faqs, features, generalsettings, home_counters, languages, members, migrations, notifications, and pages. The main area displays a list of tables with their respective engine, character set, collation, and size.

Table	Engine	Character Set	Collation	Size
admins	InnoDB	utf8mb4_unicode_ci	32 K	18
admin_languages	InnoDB	utf8mb4_unicode_ci	16 K	18
admin_user_conversations	InnoDB	latin1_swedish_ci	16 K	18
admin_user_messages	InnoDB	latin1_swedish_ci	16 K	18
blogs	InnoDB	utf8mb4_unicode_ci	64 K	18
blog_categories	InnoDB	latin1_swedish_ci	16 K	18
callback_messages	InnoDB	utf8mb4_unicode_ci	16 K	18
campaigns	InnoDB	utf8mb4_unicode_ci	64 K	18
categories	InnoDB	latin1_swedish_ci	16 K	18
counters	InnoDB	latin1_swedish_ci	16 K	18
currencies	InnoDB	latin1_swedish_ci	16 K	18
donations	InnoDB	utf8mb4_unicode_ci	16 K	18
email_templates	InnoDB	utf8_unicode_ci	16 K	18
faqs	InnoDB	utf8mb4_unicode_ci	16 K	18
features	InnoDB	latin1_swedish_ci	16 K	18
generalsettings	MyISAM	utf8mb4_unicode_ci	4.1 K	28 B
home_counters	InnoDB	utf8mb4_unicode_ci	16 K	18
languages	InnoDB	latin1_swedish_ci	16 K	18
members	InnoDB	latin1_swedish_ci	16 K	18
migrations	InnoDB	utf8mb4_unicode_ci	16 K	18
notifications	InnoDB	latin1_swedish_ci	16 K	18

Figure: 5.2.2 Database

User Login/Registration page



The screenshot shows a user login and registration form. It has two tabs: 'Login' (active) and 'Register'. The form includes input fields for 'Enter Email' and 'Enter Password', a 'Forgot Password' link, and a blue 'Login' button.

Figure: 5.2.3 User Login/Registration page

Login

Register

Enter Name

Enter Email

Enter Number

Enter Address

Enter Password

Enter Confirmation Password

Enter Code

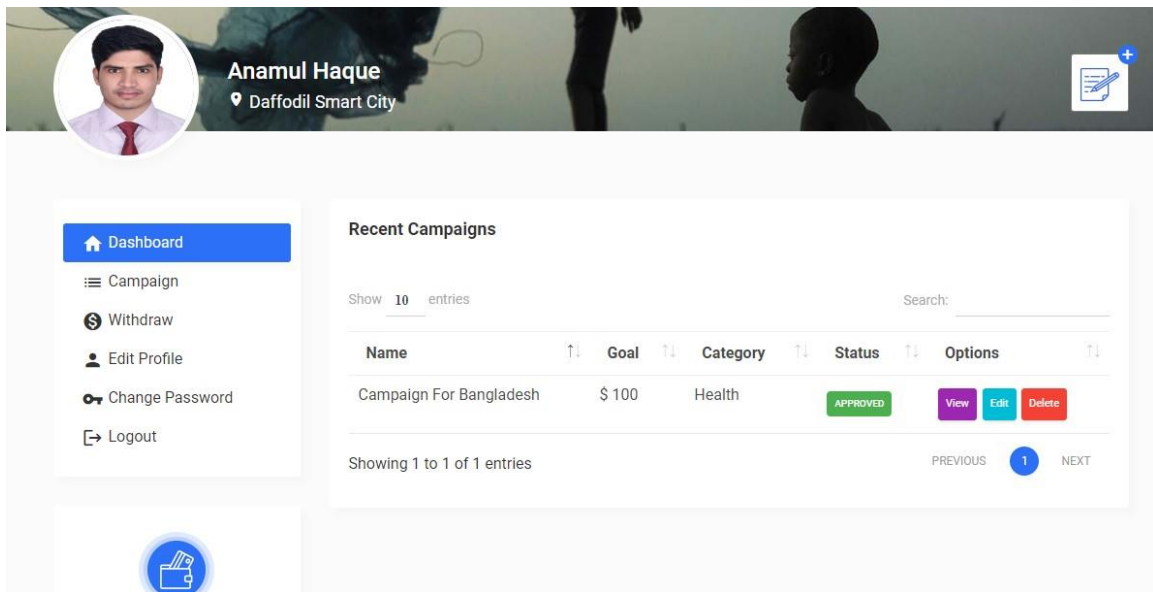
Activate Window

Go to Settings to activate

Send message

Figure: 5.2.3 User Login/Registration page

User Profile

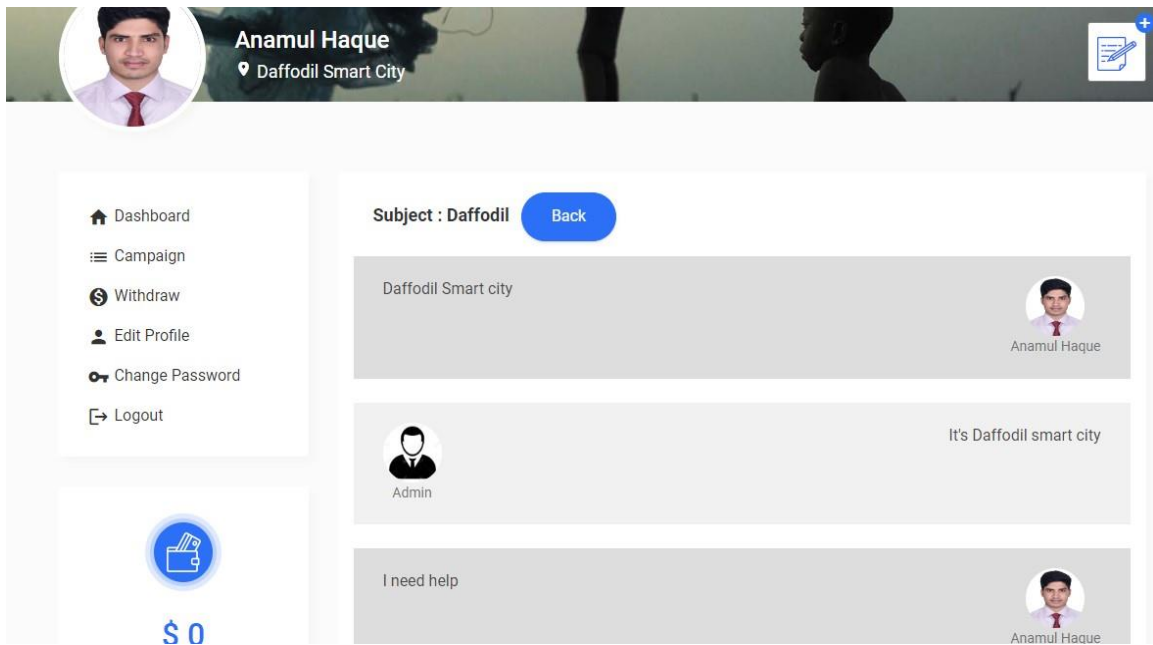


The screenshot displays the 'User Profile' interface. At the top, a banner features a profile picture of Anamul Haque, his name, and the location 'Daffodil Smart City'. A sidebar on the left contains navigation links: Dashboard, Campaign, Withdraw, Edit Profile, Change Password, and Logout. The main content area is titled 'Recent Campaigns' and includes a table with columns for Name, Goal, Category, Status, and Options. A single campaign entry is shown: 'Campaign For Bangladesh' with a goal of '\$ 100' and category 'Health', marked as 'APPROVED'. Below the table, it indicates 'Showing 1 to 1 of 1 entries' and provides navigation for previous and next pages.

Name	Goal	Category	Status	Options
Campaign For Bangladesh	\$ 100	Health	APPROVED	View Edit Delete

Figure: 5.2.4 User Profile

Live Chat



The screenshot shows the 'Live Chat' interface. The top banner is identical to the User Profile page. The sidebar on the left is the same. The main chat area has a header 'Subject : Daffodil' with a 'Back' button. The chat history shows three messages: 1. 'Daffodil Smart city' from Anamul Haque. 2. 'It's Daffodil smart city' from Admin. 3. 'I need help' from Anamul Haque. At the bottom left, there is a blue circular icon with a document and a '\$ 0' label.

Figure: 5.2.5 Live Chat

5.3 Implementation of Front-end design & backend design

To construct this sort of websites, we must first choose the programming language and technology to be used. The following languages and frames were used throughout our frontend and back-end work:

Front-end design

- **HTML:**

Web pages are made using HTML, a tag-based language. HTML is the most fundamental element of the Web (Hyper Text Markup Language). It explains the function and structuring of online content. Web pages are frequently specified using technologies other than HTML, such as CSS and JS, to describe their presentation and functionality.

- **CSS:**

CSS Design, layout, establishing color palettes, and developing backdrops are typically done with CSS. Although we used Bootstrap to develop our web application, we still needed to use custom CSS to change the appearance. CSS is an acronym for cascading style sheets. It is a language for writing style sheets that describe the organization and look of documents written in markup.

- **PHP:**

PHP is a language designed specifically for interacting with web page components. ECMAScript, DOM, and BOM are the three primary components of JavaScript. JS is the main dimension. The framework is created using HTML and CSS, but nothing further is done with it. On our website, JS creates a reaction in the presence. When a button is pressed, scripting in JavaScript determines how media is handled, how password forms are authorized, and other Function.

Back-end design

- **Laravel:**

Laravel, sophisticated capabilities and development tools speed up the creation of online applications, and Laravel performs better than competing web frameworks. With its clean and reusable code, Laravel additionally aids website developers in streamlining their development procedure. It's one of the few frameworks with the adaptability and plenty of features that make it the ideal foundation for building websites and online.

5.4 Test

We have examined this application for faults throughout the testing phase. When there are no problems, the program is working properly, but when mistakes are discovered, a technique must be used to fix them.

5.5 List of Tests

- Testing of Functionality
- Testing of Usability
- Testing of Database
- Testing of Performance
- Testing of Security

Testing of Functionality

The process of confirming the links, forms, cookies, and connections of databases constitutes the functionality test. The results of standard cross-checking included the following:

- If a required field is left blank, an error notice will display.
- For the user, it functions like a meeting. The test phase of the cookies' operation goes specified values will be double-checked.
- The database will not store duplicate user information.
- The term "cookie" refers to a little file that stores user information and saves the user from having to start meetings successfully.
- To make color schemes readable.

Testing of Usability

Usability tests are performed to check for grammatical and navigational issues on websites. It is also used to check the pass's usability.

Testing of Database

The database test is the most crucial test for any online application. The database is tested using:

- The database test confirms that the information was accurate at the time of the CURD action in the database.
- All of the consultations will provide the appropriate outcomes when we put them into practice.
- Demonstrates the accuracy of the database information reading.
- Verify the response times for the database consultations that were completed.

Testing of Performance

The cross-check of the pressure and the load of the band is named a test of execution. The Cross-checking the band's load and pressure is known as an execution test. The web load tests determine whether a website can withstand the heavy load that results from multiple users accessing the same page at once. A test of the band's pressure is when you check if the website functions and responds under pressure. The yield testing consisted of:

- The time of response of the web application will depend on the Internetspeed.
- The time of load diminishes for the qualification of the campaign of the side of the servant.
- When a blockade due to the full load takes place, there is marked recovery of the web application.

Testing of Security

The primary certainty of any frame is the safety test. The interior pages are inaccessible to users who are not registered. The manager's credential is not accessible to the paying customers. If a person is inactive for an extended period of time, their meetings will be automatically deleted.

CHAPTER 6

Impact on Society, Environment and Sustainability

6.1 Impact on Society

Online Charity service is expanding dramatically and astonishingly in Bangladesh as the country's economic growth, high levels of education, lifestyle changes, and use of the Internet and other technological advancements are all taken into account. Demand for electronic commerce techniques and technologies.

- Furthermore, there are many different international preferences for online charity service, particularly in terms of food and health.
- Bangladesh is currently growing and gaining a greater population as a country.
- The digital applications that have taken the place of traditional ones offer both foods and health a number of opportunities
- The services are designed with consumers in mind.
- The contracts are made much too quickly.

6.2 Impact on Environment

With the development of the Internet and online charity platforms, a new strategy for food and health has emerged. On costs and the environment, there is uncertainty regarding the systemic effects of this change in charity. The logistics networks for charity fulfillment and help for orphan, underprivileged use a lot of energy and money, which is a major issue for the new online charity service models.

6.3 Ethical Aspect

Online online charity service is a term used to describe a platform for the exchange of social and services over the internet. This campaign procedure may take the form of offering or taking part in online marketplaces that handle donation of social workers and philanthropists as well as online marketplaces for helping to orphans and underprivileged children.

6.4 Sustainability Plan

Sustainability means attaining our aims without compromising the potential of future generations to do the same. In addition to natural resources, we also need social and economic resources. One facet of sustainability is environmentalism. Most definitions of sustainability also take economic development and social equality into account. Its goal is to achieve equilibrium between the economy, society, and environment.

CHAPTER 7

Conclusion and Future Plan

7.1 Conclusion

Everyone has the opportunity to showcase their social service innovation on this platform. Customers may donation money to help the orphans and underprivilege children from throughout the world on this website, along with a variety of other country campaign. Our major goal is for users to utilize our online application to save time, and receive quick service.

7.2 Future Plan

How it may be improved further is the scope of future development? The online charity service of my project, By using this project we will be able to ensure food, education, medical and shelter services to orphans and underprivileged children of different countries. And of course it will be possible through the donations of social workers and philanthropists and the combined efforts of our project admins and volunteers. If we can do this in reality then we can build a beautiful world. And I can put a smile on the faces of orphans and underprivileged children.

7.3 Limitations of this project

- This project is web-based, it will not function if the power goes out.
- Payment gateway is used.
- Only the user can choose campaign for donation

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