A MINI PROJECT REPORT on WEB APPLICATION – Helping Hands Organization

Submitted in partial fulfilment of the requirements of the degree

Bachelor of Technology

In

COMPUTER SCIENCE AND ENGINEERING

By

Mini Project Batch-39:

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ONGOLE CAMPUS,

August 2022.



BONAFIDE CERTIFICATE

This is to certify that the project report entitled **WEB APPLICATION -Helping Hands Organization** submitted by Mini Project Batch

Number 39 in partial fulfilment of the requirement for the award of Bachelor of

Technology in Computer Science and Engineering is a record of bonafide project

work carried out under my supervision during the academic year 2021-22.

I am indebted to Ms.P. Sindhu, my project guide for conscientious guidance and encouragement to accomplish this project.

I am extremely thankful and pay my gratitude to Mr. B. Sampath Babu, (I/C) HOD CSE, for her valuable guidance and support on the completion of this project.

The report hasn't been submitted previously in part or in full to this or any other university or institution for the award of any degree.

Ms. P. Sindhu, Assistant Professor ©, Department of CSE, RGUKT, ONGOLE Mr. B. Sampath Babu, Assistant Professor ©, Head of Department (I/C), Department of CSE, RGUKT, ONGOLE.

APPROVAL SHEET

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING, RAJIV GANDHI UNIVERSITY OF KNOWLEDGE TECHNOLOGIES, ONGOLE CAMPUS, AUGUST 2022.



This is to certify that the project report entitled **WEB APPLICATION Helping Hands Organization** submitted by Mini Project Batch Number 39, in partial fulfilment of the requirement for the award of Bachelor of Technology in Computer Science and Engineering is a record of bonafide project work carried out under my supervision during the academic year 2021-22.

The report hasn't been submitted previously in part or in full to this or any other university or institution for the award of any degree.

Ms. P. Sindhu, Assistant Professor ©, Department of CSE, RGUKT, ONGOLE Mr. B. Sampath Babu, Assistant Professor ©, Head of Department (I/C), Department of CSE, RGUKT, ONGOLE

DECLARATION

We declare that this written submission represents our ideas in our own words and where others' ideas or words have been included, We have adequately cited and referenced the original sources. We also declare that we have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. We understand that any violation of the above will be cause for disciplinary action by the Institute and can also evoke penal action from the sources which have thus notbeen properly cited or from whom proper permission has not been taken when needed.

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| U.Yamini, |
| M.Jahnavi. |
| |
| Date: |

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We have taken efforts in this project. However, it could not have been possible without the kind support and help of many individuals and RGUKT. We would like to extend my sincere thanks to all of them.

My thanks and appreciation also go to my colleagues in developing the project and people who have willingly helped me out with their abilities.

| | With Sincere Regards |
|-------|-----------------------|
| | Mini Project Batch-39 |
| Date: | |

ABSTRACT

In the year 2011-12, 269.3 million people are poor in India of which 216 million were in rural and 52.8 million were in urban areas (Planning Commission, 2013). The major challenge of poverty eradication is a prime concern for the improvement of life quality in India

Poverty is one of the most serious global problems, almost half of the global population lives in poverty. The main aim of our project is to reduce this poverty at least to a little extent as possible.

To solve a problem, it's better to look from the roots. Educational institutions are considered a place of learning and implementation. People get to the things when they were continuously utilized, and education plays a key role in this. we thought of creating a website and promoting among the educator's that lets it promote throughout society and encourage people to donate to the needy.

People usually believe that it would be a good one if it's simple. So why not the website be simple?

Without multiple portals and complex designs, it would be better for everyone to interact if it is a simple login-donate-logout type with a clean UI.

We use technologies like HTML, CSS, Bootstrap, JavaScript, PHP, and MySQL to build this website.

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CHAPTER 1 INTRODUCTION

Caring poor and needy people and helping them is the best nature for every weary soul. The more you give, the more you strengthen their dependency.

Our project is about helping poor people by donating money. In this project we used various components for developing the Website.

Here we create a page of donation in which everyone donates the money and all the information will be saved in Database. In this website we used various technologies like HTML, CSS, Bootstrap, JavaScript for front-end and PHP, MySQL for back-end. As we give database connection by using XAMPP.

1.1 Motivation

The main motivation of the website is to Help the poor and to provide the basic needs.

1.2 Features

- Login and Signup System.
- Donation Portal.
- About and mission of the website.
- Saving the Payment details of the donators in the database.
- Database connection using PHP and MySQL.

CHAPTER 2 SYSTEM ANALYSIS

Analysis is the detailed study of the various operations performed by a system and their relationships within and outside of the system. A key question is: What must be done to solve the problem? One aspect of analysis is defining the boundaries of the system and determining whether or not the candidate system should consider other related systems During analysis, data are collected on the available files, decision points, and problems handled by the present system.

2.1 Existing System

- Existing websites like Mother Teresa Charitable trust are not a single page website, which makes the website really slow because of the high consumption of memory, CPU utilization and also the high consumption of data.
- Mother Teresa Charitable trust are not best optimized for local donors
- Provides Interactive interface through which a user can interact with different areas of web application.
- Needs high internet bandwidth for the functionality

2.2 Proposed System

- Web Application Helping Hands Organization (HHO) which is fast and accurate interms of memory, CPU utilization and internet.
- Proposed System has the advantages like Best fit for local vendors, works faster with API Calls, and is easy to use and maintain.
- friendly user interface.
- Requires less internet bandwidth for functionality

CHAPTER 3

REQUIREMENT ANALYSIS

The project involved analyzing the design of a few applications so as to make the application more users friendly. To do so, it was important to keep the navigations from one screen to the other well-ordered and at the same time reducing the amount of typing the user needs to do. This also includes maintaining the flow of the application.

3.1 Requirement Specification

3.1.1 Functional Requirements

- Graphical User Interface to interact with the website
- Database(PHP & MySQL) to store and retrieve the information.

3.1.2 Hardware Requirements

- Processor: Intel i5 or above
- Memory: 4GB RAM or above
- Disk Space : Minimum 4 GB for Database usage
- CPU: 64 bit architecture

3.1.3 Software Requirements

- Operating System: Windows 10 and Above, Linux/Ubuntu 14 and above
- FrontEnd Technologies: HTML, CSS, Bootstrap, JavaScript, PopperJS
- Backend Scripting Language: PHP
- Database : MySQL

3.2 Technologies Used

$3.2.1 \text{ HTML}^{[1]}$

It is a markup language for formatting and displaying web documents and web pages. It gives basic structure to the webpage without any styling. HTML elements tell the browser how to display the content. It can be assisted by technologies such as Cascading Style Sheets and scripting languages such as JavaScript for styling and functionality

$3.2.2 \text{ CSS}^{[2]}$

It gives styling for the web pages created by HTML. It gives 'look and feel' to the website.

3.2.2.1 Types of CSS

- Inline CSS (Using styles as attributes in html elements)
- Internal CSS (Including a separate Style tag in html document)
- External CSS (Using external file for styling)

3.2.3 Bootstrap^[3]

Bootstrap is a CSS framework which helps in developing web pages very faster and with little efforts. Helps to customize the CSS properties. Used for developing responsive and mobilefirst websites. Components like navbar, carousel, utility, cards, dropdowns, buttons etc.

3.2.4 JavaScript

JavaScript is used to develop interactive web applications. Used to develop Dynamic websites. JavaScript is the programming language of the Web. Responsible for performing actions in a website.

3.2.5 Database^[4]

4 XAMPP is an open-source document database and leading PHP & MySQL database. By using PHP code we connection our web page to Database. Through this we can store our payment and login details.

CHAPTER 4 SYSTEM DESIGN

4.1 Use Case Diagram

The DFD is also called a bubble chart diagram. It is a simple graphical formalism that can be used to represent a system in terms of the input data to the system, various processing carried out on these data, and the output data is generated by the system.

Visual Paradigm Online Free Edition Use Case Diagram :

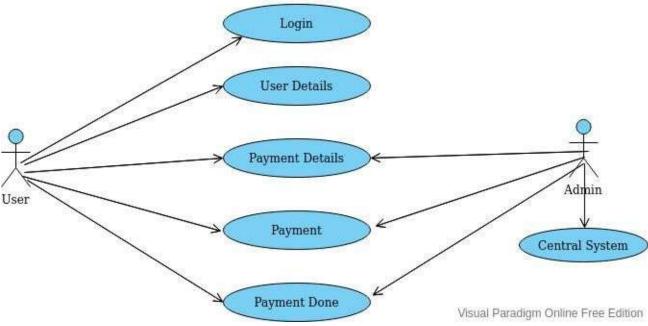


Figure 4.1 Use Case Diagram

4.2 Class Diagram

Class diagram is a static diagram. It represents the static view of an application class diagram is not only used for visualizing, describing, and documenting different aspects of a system but also for constructing executable code of the software application class diagrams are the only diagrams which can be directly mapped with object-oriented languages and thus widely used at the time of construction.

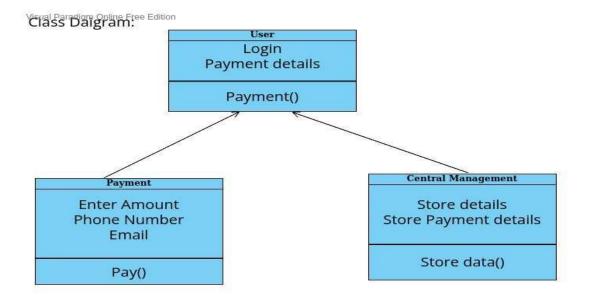


Figure 4.2 Class Diagram

4.3 Sequence Diagram

A sequence diagram simply depicts interaction between objects in a sequential order i.e. the order in which these interactions take place. We can also use the terms event diagrams or event scenarios to refer to a sequence diagram. Sequence diagrams describe how and in what order the objects in a system function. These diagrams are widely used by businessmen and software developers to document and understand requirements for new and existing systems.

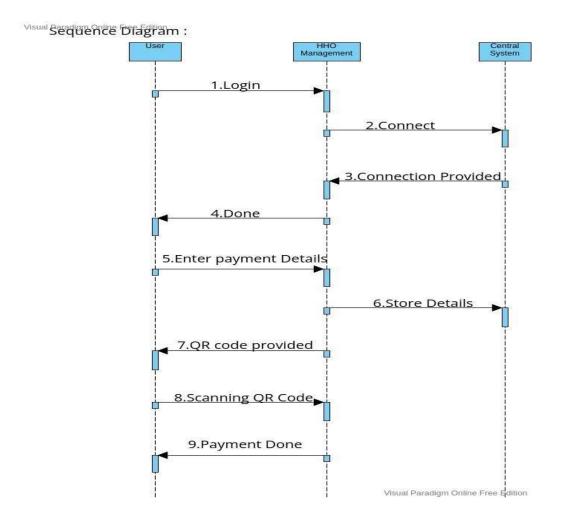


Figure 4.3 Sequence Diagram

Scanning

QR code

4.4 State Diagram

Logged Out

A state diagram is used to represent the condition of the system or part of the system at finite instances of time. It's a behavioral diagram and it represents the behavior using finite state transitions. State diagrams are also referred to as State machines and State-chart Diagrams. These terms are often used interchangeably. So simply, a state diagram is used to model the dynamic behavior of a class in response to time and changing external stimuli.

Visual Paradigm Online Free Edition State Diagram :

Click on Donate Details Checking Details

Payment

Done

Figure 4.4 State Diagram

4.5 Activity Diagram

An activity diagram portrays the control flow from a start point to a finish point showing the various decision paths that exist while the activity is being executed. We can depict both sequential processing and concurrent processing of activities using an activity diagram. They are used in business and process modeling where their primary use is to depict the dynamic aspects of a system. An activity diagram is very similar to a flowchart.

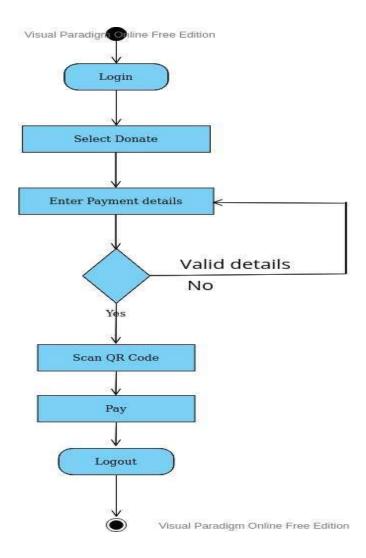


Figure 4.5 Activity Diagram

CHAPTER 5

SOFTWARE ENVIRONMENT

5.1 Visual Studio Code (IDE)

Visual Studio Code, also commonly referred to as VS Code is a source-code editor made by Microsoft for Windows, Linux and macOS. Features include support for debugging, syntax highlighting, intelligent code completion, snippets, code refactoring, and embedded Git. Users can change the theme, keyboard shortcuts, preferences, and install extensions that add additional functionality.

5.2 XAMPP

XAMPP is a free open-source cross-platform web server solution stack package developed by Apache friends, consisting mainly of the Apache HTTP Server, MariaDB database, and the interpreters for scripts written in the PHP and Perl Programming languages. Since most actual web server deployment used the same components as XAMPP, it makes transitioning from a local test server to a live server possible.

CHAPTER 6

IMPLEMENTATION

6.1 Graphical User Interface

The user interface is kept simple and understandable. The user need not take any additional effort to understand the functionality and navigation in the application. The colors are chosen in such a way that the user can easily understand where the input has to be given. Hints are given to help the user in giving the correct input. The following are the main component and features in this web application.

- Login Component
- Register Component
- Homepage Component
- Donate Component
- Contact Us Component
- Payment mode Component

6.2 Sample Code

6.2.1 signup.php

```
session_start();

include("connection.php");
include("functions.php");

if($_SERVER['REQUEST_METHOD'] == "POST")
{
    //something was posted
    $user_name = $_POST['user_name'];
    $password = $_POST['password'];

    if(!empty($user_name) && !empty($password) && !is_numeric($user_name))
    {
        //save to database
        $user_id = random_num(20);
}
```

```
$query = "insert into users (user_id,user_name,password) values
('$user_id','$user_name','$password')";
            mysqli_query($con, $query);
            header("Location: login.php");
            die;
        }else
            echo "Please enter some valid information!";
<!DOCTYPE html>
<html>
<head>
    <title>Signup</title>
</head>
<body>
   <style type="text/css">
   #text{
        height: 25px;
       border-radius: 5px;
       padding: 4px;
        border: solid thin #aaa;
       width: 100%;
   #button{
       padding: 10px;
       width: 100px;
        color: white;
       background-color: lightblue;
       border: none;
   #box{
        background-color: grey;
        margin: auto;
       width: 300px;
```

```
padding: 20px;
    </style>
    <div id="box">
        <form method="post">
            <div style="font-size: 20px;margin: 10px;color: white;">Signup</div>
<input id="text" type="text" name="name" placeholder="Name" required> <br><br><</pre>
            <input id="text" type="text" name="user_name"</pre>
placeholder="Username" required><br><br><br>
            <input id="text" type="password" name="password"</pre>
placeholder="Password" required><br><br>
<input id="text" type="email" name="email" placeholder="E-mail" required><br><br>
            <input id="button" type="submit" value="Signup"><br><br>
            <button><a href="login.php" style="text-decoration:none;">Sign
In</a></button><br><br>
        </form>
    </div>
</body>
</html>
```

6.2.2 login.php

```
<?php
$cookie_name='user_id';
if(isset($_REQUEST['submit'])){
$cookie_value= $_REQUEST['user_name'];
$cookie_expire= time()+60*60*24*7;
setcookie($cookie_name,$cookie_value,$cookie_expire,'/');}
?>

<?php

session_start();
  include("connection.php");
  include("functions.php");
  if($_SERVER['REQUEST_METHOD'] == "POST")</pre>
```

```
//something was posted
       $user_name = $_POST['user_name'];
       $password = $_POST['password'];
       if(!empty($user_name) && !empty($password) && !is_numeric($user_name))
           //read from database
           $query = "select * from users where user_name = '$user_name' limit 1";
           $result = mysqli_query($con, $query);
           if($result)
                if($result && mysqli_num_rows($result) > 0)
                    $user_data = mysqli_fetch_assoc($result);
                    if($user_data['password'] === $password)
                        $_SESSION['user_id'] = $user_data['user_id'];
                        header("Location: index.html");
                        die;
           echo "Wrong username or password!";
       }else
           echo "Wrong username or password!";
<!DOCTYPE html>
   <title>Login</title>
</head>
<body>
```

```
<style type="text/css">
    #text{
        height: 25px;
        border-radius: 5px;
        padding: 4px;
        border: solid thin #aaa;
        width: 100%;
    #button{
        padding: 10px;
        width: 100px;
        color: white;
        background-color: lightblue;
        border: none;
    #box{
        background-color: grey;
        margin: auto;
        width: 300px;
        padding: 20px;
    </style>
    <div id="box">
        <form method="post">
            <div style="font-size: 20px;margin: 10px;color: white;">Login</div>
            <input id="text" type="text" name="user_name"</pre>
placeholder="Username"><br><br>
            <input id="text" type="password" name="password"</pre>
placeholder="Password"><br><br>
            <input id="button" type="submit" value="Login"><br><br>
            <button><a href="signup.php" style="text-decoration:none;">Click to
Signup</a></button><br><br>
```

6.2.3 logout.php

```
<?php
session_start();
if(isset($_SESSION['user_id']))
{
    unset($_SESSION['user_id']);
}
header("Location: login.php");
die;</pre>
```

6.2.4 connection.php

```
<?php
$dbhost = "localhost";
$dbuser = "root";
$dbpass = "";
$dbname = "test1";

if(!$con = mysqli_connect($dbhost,$dbuser,$dbpass,$dbname))
{
         die("failed to connect!");
}</pre>
```

6.2.5 functions.php

```
<?php
function check_login($con)
    if(isset($_SESSION['user_id']))
        $id = $_SESSION['user_id'];
        $query = "select * from users where user_id = '$id' limit 1";
        $result = mysqli_query($con,$query);
        if($result && mysqli_num_rows($result) > 0)
            $user_data = mysqli_fetch_assoc($result);
            return $user_data;
    header("Location: login.php");
    die;
function random_num($length)
    $text = "";
    if($length < 5)</pre>
        1ength = 5;
    $len = rand(4,$length);
    for ($i=0; $i < $len; $i++) {
        $text .= rand(0,9);
    return $text;
```

6.2.6 index.html

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Helping Hands Organization</title>
    <link rel="stylesheet"</pre>
href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
        integrity="sha384-
JcKb8q3iqJ61gNV9KGb8thSsNjpSL0n8PARn9HuZOnIxN0hoP+VmmDGMN5t9UJ0Z"
crossorigin="anonymous">
    <link rel="stylesheet" href="style.css">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link href="https://fonts.googleapis.com/css2?family=Open+Sans&display=swap"</pre>
rel="stylesheet">
</head>
<body>
    <header>
        <div class="container-fluid">
            <nav class="navbar fixed-top navbar-expand-sm navbar-dark ">
                <img src="images/care.png" width="70px" height="70px">
                <a href="index.html" class="navbar-brand mb-0 h1 cool-link"</pre>
style="color: white;">HELPING HANDS ORGANIZATION</a>
                <button class="navbar-toggler" data-toggle="collapse" data-</pre>
target="#navbarMenu">
                    <span class="navbar-toggler-icon"></span>
                </button>
                <div class="collapse navbar-collapse" id="navbarMenu">
```

```
<a href="index.html" class="nav-link ml-2 cool-link"</pre>
style="color: white;">Home</a>
                  <a href="about.html" class="nav-link ml-2 cool-link"</pre>
style="color: white;">About</a>
                  <a href="mission.html" class="nav-link ml-2 cool-link"</pre>
style="color: white;">Mission</a>
                  <a href="contactus.html" class="nav-link ml-2 cool-link"</pre>
style="color: white;">Contact
                        Us</a>
                  <button type="button" class="btn btn-light ml-2 mt-1"><a</pre>
href="paymode.html">Donate</a> </button>
                  <button type="button" class="btn btn-light ml-2 mt-1"><a</pre>
href="logout.php">Log out</a></button>
                  </div>
         </nav>
      </div>
   </header>
   <section>
      <div id="carousel_1" class="carousel slide" data-ride="carousel">
         data-target="#carousel 1" data-slide-to="0" class="active">
            <div class="carousel-inner">
            <div class="carousel-item active">
               <img src="./images/pic2.jpg" class="d-block w-100" alt="">
               <div class="carousel-caption d-none d-md-block"</pre>
style="color:black;">
                  <h1><b>The Helping Hands Organization</b></h1>
```

```
<b>We are so glad to have you
here!</b>
                   </div>
               </div>
               <div class="carousel-item">
                   <img src="./images/img10.png" class="d-block w-100" alt="">
                   <div class="carousel-caption d-none d-md-block"</pre>
style="color:white;">
                       <h1><b>Giving</b></h1>
                       <b>is not just about making a
donation.Its about making a difference</b>
                       </div>
               </div>
               <div class="carousel-item">
                   <img src="./images/img14.png" class="d-block w-100" alt="">
                   <div class="carousel-caption d-none d-md-block">
                       <h1>We make</h1>
                       a living from what we get,but we
make a life by what we give
                   </div>
               </div>
           </div>
           <a class="carousel-control-prev" href="#carousel 1" role="button" data-</pre>
slide="prev">
               <span class="carousel-control-prev-icon" aria-hidden="true"></span>
               <span class="sr-only">Previous</span>
           </a>
           <a class="carousel-control-next" href="#carousel_1" role="button" data-</pre>
slide="next">
               <span class="carousel-control-next-icon" aria-hidden="true"></span>
               <span class="sr-only">Next</span>
           </a>
       </div>
   </section>
   <!-- bootstrap -->
   <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
       integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
       crossorigin="anonymous"></script>
```

6.2.7 about.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>About</title>
    <link rel="stylesheet"</pre>
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/css/bootstrap.min.css"
        integrity="sha384-
B0vP5xmATw1+K9KRQjQERJvTumQW0nPEzvF6L/Z6nronJ3oU0FUFpCjEUQouq2+1"
crossorigin="anonymous">
    <link rel="stylesheet" href="style.css">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link href="https://fonts.googleapis.com/css2?family=Open+Sans&display=swap"</pre>
rel="stylesheet">
    <link rel="stylesheet" href="https://unpkg.com/aos@next/dist/aos.css" />
</head>
<body>
    <header>
        <div class="container-fluid">
```

```
<nav class="navbar fixed-top navbar-expand-sm navbar-light bg-light ">
              <img src="images/care.png" width="70px" height="70px">
              <a href="index.html" class="navbar-brand mb-0 h1 cool-link"</pre>
style="color:black;">HELPING HANDS ORGANIZATION</a>
              <button class="navbar-toggler" data-toggle="collapse" data-</pre>
target="#navbarMenu">
                  <span class="navbar-toggler-icon"></span>
              </button>
              <div class="collapse navbar-collapse" id="navbarMenu">
                  class="nav-item">
                         <a href="index.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Home</a>
                      <a href="about.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">About</a>
                      <a href="mission.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Mission</a>
                      <a href="contactus.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Contact
                             Us</a>
                      class="nav-item">
                          <button type="button" class="btn btn-light ml-2 mt-1"><a</pre>
                                 href="paymode.html">Donate</a> </button>
                      <button type="button" class="btn btn-light ml-2 mt-1"><a</pre>
href="logout.php">Log out</a></button>
                  </div>
          </nav>
       </div>
   </header>
   <section>
       <div class="container-fluid red bg">
         <div class="row">
```

```
<div class="col-md-4" data-aos="zoom-in">
                    <img src="./images/img3.jpg" alt="" class="image card shadow ">
                </div>
                <div class="col-md-6">
                    <div class="card shadow" data-aos="zoom-in">
                        <div class="card-body">
                            <h1>The Helping Hands Organization</h1>
                            <div class="bottom"></div>
                            We are a Non-profit organization on a mission to help
people and look after their welfare and managing everything.
                                Now-a-days many people are dying due to lack of
food, money etc. Some people didn't fulfill their basic needs.
                                Through this mission we are collecting the money and
helping the poor and who are in needy. HELPING HANDS ORGANIZATION is a student
charity to help the underprevileged people and accessing their basic needs.
                                </div>
                    </div>
                </div>
            </div>
        </div>
    </section>
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
        integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
        crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"
        integrity="sha384-
9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
        crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.min.js"
        integrity="sha384-
+YQ4JLhjyBLPDQt//I+STsc9iw4uQqACwlvpslubQzn4u2UU2UFM80nGisd026JF"
        crossorigin="anonymous"></script>
    <script src="https://unpkg.com/aos@next/dist/aos.js"></script>
    <script>
       AOS.init({
            duration: 1500
        });
```

```
</body>
</html>
```

6.2.8 mission.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Mission</title>
   <link rel="stylesheet"</pre>
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/css/bootstrap.min.css"
        integrity="sha384-
B0vP5xmATw1+K9KRQjQERJvTumQW0nPEzvF6L/Z6nronJ3oU0FUFpCjEUQouq2+1"
crossorigin="anonymous">
    <link rel="stylesheet" href="style.css">
   <link rel="preconnect" href="https://fonts.gstatic.com">
   <link rel="preconnect" href="https://fonts.gstatic.com">
    <link href="https://fonts.googleapis.com/css2?family=Open+Sans&display=swap"</pre>
rel="stylesheet">
</head>
<body>
   <header>
        <div class="container-fluid">
           <nav class="navbar fixed-top navbar-expand-sm navbar-light bg-light ">
                <img src="images/care.png" width="70px" height="70px">
                <a href="index.html" class="navbar-brand mb-0 h1 cool-link"</pre>
style="color:black;">HELPING HANDS ORGANIZATION</a>
                <button class="navbar-toggler" data-toggle="collapse" data-</pre>
target="#navbarMenu">
                    <span class="navbar-toggler-icon"></span>
                </button>
                <div class="collapse navbar-collapse" id="navbarMenu">
```

```
<a href="index.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Home</a>
                      <a href="about.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">About</a>
                      <a href="#" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Mission</a>
                      <a href="contactus.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Contact Us</a>
                      <button type="button" class="btn btn-light ml-2 mt-1"><a</pre>
href="paymode.html">Donate</a> </button>
                      <button type="button" class="btn btn-light ml-2 mt-1"><a</pre>
href="logout.php">Log out</a></button>
                      </div>
          </nav>
       </div>
   </header>
   <section>
       <div class="container">
           <div class="row justify-content-center">
              <div class="col-md-4" >
                  <div class="card shadow" style="width: 23rem;" >
                      <div class="inner">
                         <img src="./images/img7.png" class="card-img-top"</pre>
alt="...">
                      </div>
                      <div class="card-body">
                       <h5 class="card-title">Helping those in need is just plain
ordinary humanity</h5>
                       There's nothing more satisfying than
seeing a smiling face around, and that satisfaction exponentially multiplies when
you are the reason behind it. Helping hands are often rare yet the most
```

```
compassionate thing anyone could do. Strong people don't put others down... They lift
them up.
                       </div>
                     </div>
               </div>
               <div class="col-md-4">
                   <div class="card shadow" style="width: 23rem;" >
                       <div class="inner">
                           <img src="./images/img4.png" class="card-img-top"</pre>
alt="...">
                       </div>
                       <div class="card-body">
                         <h5 class="card-title">There is no exercise better for the
heart than reaching down and lifting people up.</h5>
                          Lending a helping hand does a lot in
enhancing your overall self, and these quotes are all about how you can help
someone. The satisfaction in being compassionate and kind is the absolute most
anyone can experience.
                       </div>
                     </div>
               </div>
               <div class="col-md-4">
                   <div class="card shadow" style="width: 23rem;" >
                       <div class="inner">
                           <img src="./images/img13.png" class="card-img-top"</pre>
alt="...">
                       </div>
                       <div class="card-body">
                         <h5 class="card-title">A little bit of mercy makes the
world less cold and more just.</h5>
                         Kindness can transform someone's dark
moment with a blaze of light. You'll never know how much your caring matters. Make a
difference for another today. In helping others, we shall help ourselves, for
whatever good we give out completes the circle and comes back to us. 
                       </div>
                     </div>
               </div>
           </div>
       </div>
   </section>
```

6.2.9 contactus.html

```
<!DOCTYPE html>
<html lang="en">
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>contact Us</title>
    <link rel="stylesheet"</pre>
href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/css/bootstrap.min.css"
        integrity="sha384-
B0vP5xmATw1+K9KRQjQERJvTumQW0nPEzvF6L/Z6nronJ3oU0FUFpCjEUQouq2+1"
crossorigin="anonymous">
    <link rel="stylesheet" href="style.css">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link rel="preconnect" href="https://fonts.gstatic.com">
    <link href="https://fonts.googleapis.com/css2?family=Open+Sans&display=swap"</pre>
rel="stylesheet">
</head>
<body>
   <header>
```

```
<div class="container-fluid">
          <nav class="navbar fixed-top navbar-expand-sm navbar-light bg-light ">
              <img src="images/care.png" width="70px" height="70px">
              <a href="index.html" class="navbar-brand mb-0 h1 cool-link"
style="color:black;">HELPING HANDS ORGANIZATION</a>
              <button class="navbar-toggler" data-toggle="collapse" data-</pre>
target="#navbarMenu">
                 <span class="navbar-toggler-icon"></span>
              </button>
              <div class="collapse navbar-collapse" id="navbarMenu">
                 <a href="index.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Home</a>
                     <a href="about.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">About</a>
                     <a href="mission.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Mission</a>
                     <a href="contactus.html" class="nav-link ml-2 cool-link"</pre>
style="color: black;">Contact
                            Us</a>
                     <button type="button" class="btn btn-light ml-2 mt-1"><a</pre>
                                href="paymode.html">Donate</a> </button>
                     <button type="button" class="btn btn-light ml-2 mt-1"><a</pre>
href="logout.php">Log out</a></button>
                     </div>
          </nav>
       </div>
   </header>
   <section>
       <div class="container">
```

```
<div class="card shadow frm blue bg">
                 <h1>Contact Us</h1>
                 <div class="bottom1"></div>
                 <form action="" id="detailForm">
                     <div class="row">
                         <div class="col">
                             <label for="first name">First Name</label>
                             <input type="text" name="firstname" id="first-name"</pre>
class="form-control" required>
                         <div class="col">
                             <label for="last name">Last Name</label>
                             <input type="text" name="lastname" id="last-name"</pre>
class="form-control" required>
                         </div>
                     </div>
                     <div class="form-group">
                         <label for="exampleInputEmail1">Email address</label>
                         <input type="email" class="form-control" name="email"</pre>
id="exampleInputEmail1" aria-describedby="emailHelp"
                             required>
                     </div>
                     <div class="form-group ">
                         <label for="description">Description</label>
                         <input type="text" name="description" id="description"</pre>
class="form-control des" required>
                     </div>
                     <br><br><br>></pr>
                     <button type="submit" class=" btn-primary" id="sumit-</pre>
id">Submit</button>
                     <div class="contactusdetails">
                     </div>
                     <br><br><
                </form>
            </div>
        </div>
        <div class="details" id="myid" style="visibility:hidden">
```

```
</div>
    </section>
    <script>
        const detailForm=document.getElementById("detailForm");
        const detailsContainer=document.querySelector(".details");
        const fnameInput = detailForm["firstname"];
        const lnameInput= detailForm["lastname"];
        const emailInput=detailForm["email"];
        const descInput=detailForm["description"];
        const details=JSON.parse(localStorage.getItem("details")) || [];
        const addDetails =(firstname,lastname,email,description) =>{
            details.push({
                firstname,
                lastname,
                email,
                description,
            localStorage.setItem("details", JSON.stringify(details));
            return {firstname, lastname, email , description};
        };
        const createDetailElement =({ firstname, lastname, email, description}) =>{
            const detailDiv=document.createElement("div");
            const detailfName = document.createElement("h6");
            const detaillName = document.createElement("h6");
            const detailEmail = document.createElement("h6");
            const detailDescription = document.createElement("p");
            detailfName.innerText = "First Name : " + firstname;
            detaillName.innerText = "Last Name : " + lastname;
            detailEmail.innerText = "Email : " + email;
            detailDescription.innerText = "Description : " + description;
            detailDiv.append(detailfName , detaillName, detailEmail,
detailDescription);
            detailsContainer.appendChild(detailDiv);
            detailsContainer.style.display = details.length ==0 ? "none" : "flex";
```

```
detailsContainer.style.display = details.length ==0 ? "none" : "flex";
        details.forEach(createDetailElement);
        detailForm.onsubmit = e =>{
            e.preventDefault();
            const newDetail = addDetails(
                fnameInput.value,
                lnameInput.value,
                emailInput.value,
                descInput.value
            );
            createDetailElement(newDetail);
            fnameInput.value= "";
            lnameInput.value= "";
            emailInput.value= "";
            descInput.value= "";
        };
    </script>
    <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"</pre>
        integrity="sha384-
DfXdz2htPH0lsSSs5nCTpuj/zy4C+OGpamoFVy38MVBnE+IbbVYUew+OrCXaRkfj"
        crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/popper.js@1.16.1/dist/umd/popper.min.js"
        integrity="sha384-
9/reFTGAW83EW2RDu2S0VKaIzap3H66lZH81PoYlFhbGU+6BZp6G7niu735Sk7lN"
        crossorigin="anonymous"></script>
    <script
src="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/js/bootstrap.min.js"
        integrity="sha384-
+YQ4JLhjyBLPDQt//I+STsc9iw4uQqACwlvpslubQzn4u2UU2UFM80nGisd026JF"
        crossorigin="anonymous"></script>
    </body>
</html>
```

6.2.10 paymode.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>HHO</title>
</head>
<body>
<div class="main" style="padding:30px;background-color: rgb(247, 247, 247);">HHO
   <div class="inside-main" style="display: flex;">
       <div class="left-block" style="margin: 50px;">
           <h2>HELPING HANDS ORGANIZATION</h2>
           <br>
           <br>
           <br>
           <br>
           <br>
           <br>
           <h3>Contact Us</h3>
           <div class="support" style="display:flex;">
               <img src="">
               Supporthho@gmail.com
           </div>
           <div class="call">
               <img src="">
               1234567890
           </div>
           <br>
           <br>
           <br>
           <h3>Terms and Conditions</h3>
           You agree to share information entered on this page with HHO<br>>
(owner of this page) and Razorpay, adhering to applicable laws.
     </div>
```

```
<div class="right-block" style="background-color: white;">
            <div class="payment-block" style="padding:30px;">
               <div class="text" style="display:flex ;">
                   <button style="width:fit-content;height: fit-content;padding:</pre>
5px;margin-left:10px;margin-top: 10px;border: none;font-size: 16px;background-color:
rgb(70, 70, 243);color: white;">Test mode</button>
                   Only test payments can be made for this payment page.
               </div>
               <div class="pay-slide">
                   <h2>Payment Details</h2>
               </div>
               <div class="forms">
                   <form action="./connect.php" method="post">
                   <input type="number" class="" placeholder="Amount in ₹"</pre>
name="amount" style="padding:5px;" required>
                   <input type="text" class="" placeholder="FullName"</pre>
name="fullname" style="padding:5px;" required>
                   <input type="email" class="" placeholder="Email" name="email"</pre>
style="padding:5px;" required>
                   <input type="number" class="" placeholder="Phone Number"</pre>
name="phone" style="padding:5px;" required>
                   <button style="background-color: rgb(70, 70, 243);color:</pre>
white;padding:10px;border: none;font-size:15px;" onclick="paybutton()" >Pay</button>
                   </form>
               </div>
           </div>
       </div>
   </div>
 </div>
</html>
```

6.2.11 banking.html

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Payment Method</title>
</head>
<body>
   <div class="main-class" style="margin-left:500px;margin-right:500px;">
       <div class="inside">
           <div class="first-div" style="background-color:rgb(70, 70,</pre>
243);padding:10px;color:white;">
              <h4>HHO</h4>
              Amount accepted in ₹ only
           </div>
           <div class="second-div" style="border:2px;border-color:lightgray;border-</pre>
style:solid;padding:10px;">
              CARDS, UPI & MORE
              <div class="inside-sec" style="border:2px;border-</pre>
color:lightgray;border-style:solid;" onclick="success()">
                  <div class="section" style="display:flex;">
                      <img src="images/care.png" width="50px" height="50px">
                      <h4>Card</h4>
                  </div>
                  163);">Visa, MasterCard, RuPay and Mastero
              </div>
              <br>
              <div class="inside-sec" style="border:2px;border-</pre>
color:lightgray;border-style:solid;" onclick="success()">
                  <div class="section" style="display:flex;">
                      <img src="images/care.png" width="50px" height="50px">
                      <h4>UPI/OR</h4>
                  </div>
                  163);">QR codes & more
              </div>
              <br>
```

```
<div class="inside-sec" style="border:2px;border-</pre>
color:lightgray;border-style:solid;" onclick="success()">
                <div class="section" style="display:flex;">
                    <img src="images/care.png" width="50px" height="50px">
                    <h4>Netbanking</h4>
                </div>
                163);">All Indian banking
             </div>
             <br>
             <div class="inside-sec" style="border:2px;border-</pre>
color:lightgray;border-style:solid;" onclick="success()">
                 <div class="section" style="display:flex;">
                    <img src="images/care.png" width="50px" height="50px">
                    <h4>Wallet</h4>
                </div>
                163);">Mobiwik and more
             </div>
             <br>
             <div class="inside-sec" style="border:2px;border-</pre>
color:lightgray;border-style:solid;" onclick="success()">
                <div class="section" style="display:flex;">
                    <img src="images/care.png" width="50px" height="50px">
                    <h4>PayLater</h4>
                163);">ePayLater and more
             </div>
          </div>
      </div>
   </div>
<script src="script.js"></script>
</body>
</html>
```

6.2.12 connect.php

```
<?php
   $amount = $ POST['amount'];
   $fullname = $_POST['fullname'];
   $email = $ POST['email'];
   $phone = $_POST['phone'];
   //Database connection
   $conn = new mysqli('localhost','root','','test1');
   if($conn -> connect error){
        die('Connection Failed : '.$conn->connect_error);
    }else{
        $stmt = $conn -> prepare("insert into tablenew(amount, fullname, email,
phone)
        values(?, ?, ?, ?)");
        $stmt->bind_param("issi",$amount,$fullname,$email,$phone);
        $stmt->execute();
        header('location:banking.html');
        $stmt->close();
       $conn->close();
```

6.2.13 success.html

6.2.14 style.css

```
font-family: 'Open Sans', sans-serif;
.btn{
    border-radius: 15px;
    background-color: black;
a{
    color: white;
    font-weight: 500;
    text-decoration:none;
.btn:hover{
    background-color: #f8f9fa;
    text-decoration: none;
    transition: 500ms;
.btn a:hover{
    text-decoration: none;
    color: black;
    font-weight: 500;
html.is-animating .transition-fade{
    opacity: 0;
.header{
    z-index: 10;
.navbar-brand{
```

```
font-size: 1.25rem;
font-weight: 500;
.nav-item{
    font-weight: 500;
    font-size: 1.25rem;
.cool-link::after{
content: "";
display: block;
width: 0;
height: 2px;
background: black;
transition: width .3s;
.cool-link:hover::after{
width: 100%;
transition: width .3s;
.container-fluid{
    background-color: #f8f9fa;
.red_bg{
    background-image: url("https://image.freepik.com/free-vector/colorful-set-
circle-round-frames_1017-14804.jpg");
    background-position:initial;
    background-repeat: no-repeat;
    background-size: cover;
    position: fixed;
.blue bg{
    background-image: url("https://image.freepik.com/free-vector/gradient-geometric-
wallpaper_23-2148818330.jpg");
    background-position:center;
    background-repeat: no-repeat;
    background-size: cover;
.container{
    margin-top: 8%;
    background-color: #f8f9fa;
.carousel-control-prev,.carousel-control-next{
    width: 70px;
    height: 70px;
    border-radius: 50%;
```

```
top: calc(50% - 25px);
    background-color: rgb(34, 33, 33);
.carousel-control-prev{
    left: 5%;
.carousel-control-next{
    right: 5%;
.carousel-indicators li{
height: 20px;
width: 20px;
border-radius: 50%;
.carousel-item {
    height: 757px;
    transition: transform 1s ease, opacity .5s ease-out
.image{
    margin-top: 6.5rem;
    margin-left: 6.5rem;
    width: 75%;
    border-radius: 15px;
.col-md-6{
    margin-top: 3rem;
    margin-left: 3rem;
    padding: 3rem;
    font-size: 1.2rem;
.col-md-6 p{
    line-height: 35px;
.bottom{
    border-bottom: 5px solid black;
    width: 30%;
    margin-left: 12.5rem;
.bottom1{
    border-bottom: 5px solid black;
    width: 8%;
    margin-left: 46%;
.inner{
    overflow: hidden;
```

```
.inner img{
transition: all 1.5s ease;
.inner:hover img{
   transform: scale(1.5);
    cursor: pointer;
form{
    margin: auto;
   width: 50%;
.btn-primary{
    border-radius: 15px;
    background-color: black;
    height: 35px;
    width: 75px;
.btn-primary a:hover{
    color: black;
.col-auto{
    margin-top: 8%;
    margin-left: 50%;
.frm{
height: 35rem;
.frm h1{
    text-align: center;
    margin-top: 8%;
.des{
    height: 100px;
.details{
    font-size:12px;
    visibility: hidden;
```

6.2.15 style1.css

```
body {
        margin : 0;
        padding: 0;
        background: url(img.jpg);
        background-size: cover;
        background-position: center ;
        font-family: sans-serif;
.loginbox{
        width:320px;
        height: 450px;
        background: rgb(14, 190, 151);
        color: #fff;
        top: 50%;
        left: 50%;
        position: absolute;
        transform: translate(-50%,-50%);
        box-sizing: border-box;
        padding: 70px 30px;
.profile{
        width: 100px;
        height: 100px;
        border-radius: 50%;
        position: absolute;
        top: -50px;
        left: calc(50% -50px);
h1{
        margin: 0;
        padding: 0 0 20px;
        text-align: center;
        font-size: 22px;
.loginbox p{
        margin:o;
        padding: 0;
        font-weight: bold;
.loginbox input{
        width: 100%;
        margin-bottom: 20px;
.loginbox input[type="text"],input[type="password"]
```

```
border: none;
       border-bottom: 1px solid #fff;
       background: transparent;
       outline: none;
       height: 40px;
       color: rgb(10, 10, 10);
       font-size: 16px;
.loginbox input[type="submit"]
       border: none;
       outline: none;
       height: 40px;
       background: #f3151591;
       color: #fff;
       font-size: 18px;
       border-radius: 20px;
.loginbox input[type="submit"]:hover
       cursor: pointer;
       background: #ffc107;
       color: #000;
.loginbox a{
       text-decoration: none;
       font-size:12px;
       line-height: 20px;
       color: rgb(12, 7, 2);
.loginbox a:hover
               color: #ffc107;
```

6.3 Sample Screenshots

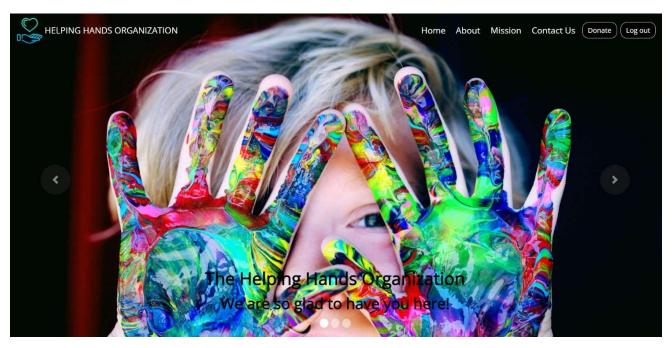


Figure 6.3.1 Homepage screenshot

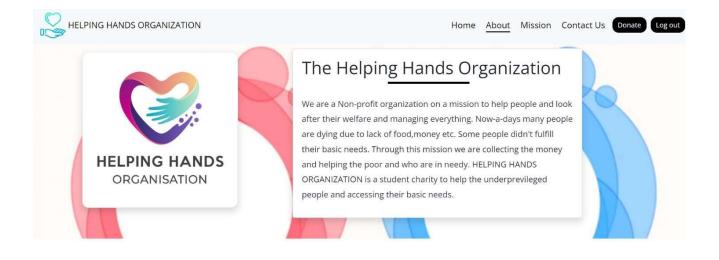


Figure 6.3.2 About page screenshot

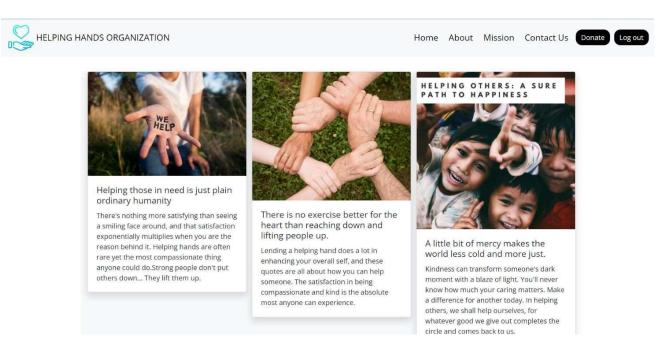


Figure 6.3.3 Mission page screenshot

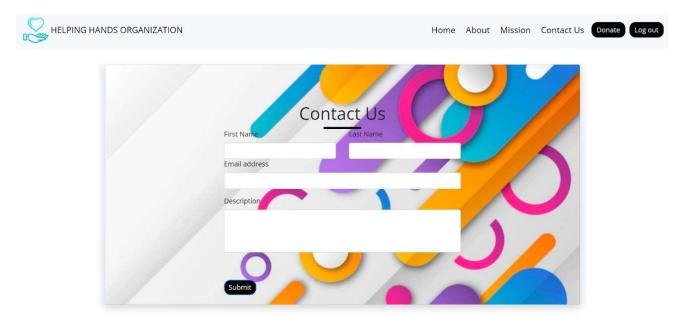


Figure 6.3.4 Contact Us page screenshot

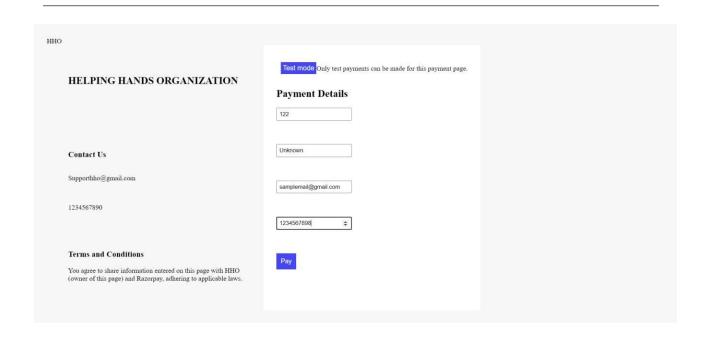


Figure 6.3.5 Donate page screenshot

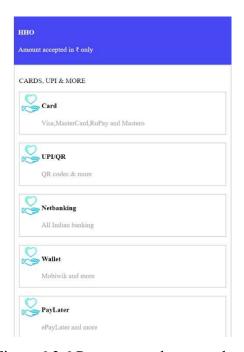


Figure 6.3.6 Payment mode screenshot







Figure 6.3.7 Payment Success Screenshot

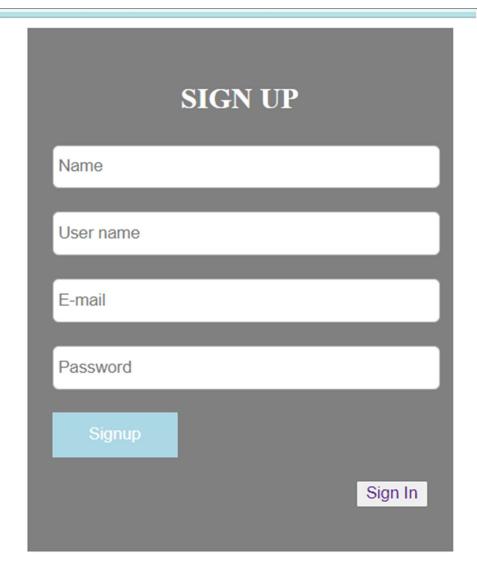


Figure 6.3.8 Signup page Screenshot

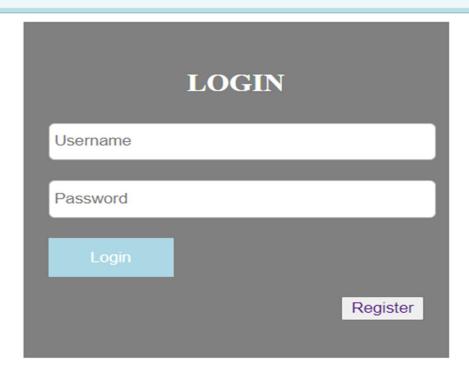


Figure 6.3.9 Login Page Screenshot

CHAPTER 7

TESTING

System tests are designed to validate a fully developed system to assure that it meets its requirements. The test cases are therefore designed solely based on the SRS document. (OR) System testing is nothing but how the customer is going to start using your application and checking whether everything is up to the mark and meeting the needs of the customer.

7.1 Unit Testing:

Unit testing, a testing technique using which individual modules are tested to determine if there are any issues by the developer himself. It is concerned with functional correctness of the standalone modules. Reduces Defects in the Newly developed features or reduces bugs when changing the existing functionality. Improves design and allows better refactoring of code. Unit Tests, when integrated with build gives the quality of the build as well. It is the first level of functional testing. Below are the test cases on the individual modules of the designed website. The functionality of each module has been checked by the developer of the module.

7.1.1 Home page:

Homepage in the application shows a catalog of all the available features and a carousel displaying all images. It also filters the products using its category. While testing this individual model/component we found that there are no errors and negligible warnings.

7.1.2 Registration/Login Page

Registration or login page deals with adding and validating the users. It generates a user whenever a user is logged in or registered successfully. If a user tries to login using incorrect data it wont allow the user to login and will not generate a successful token which helps to validate the user. Current module have no error and negligible warnings

7.1.3 Donation Page

Donation page component helps to save the payment details database. It consists of form which will take the details of the donator and saving the details to the database. While testing this component, we found that if any field is missing while adding the details, it may fail to save to the database. Current component has no errors and negligible warnings while testing.

7.1.4 Contact Us

Contact Us components helps to save the details in the local storage. While testing this individual component, we found that there are no errors and warnings. This individual componentis working fine.

7.1.5 Logout

The Logout component helps to logout . If a user clicks on the logout button then, it logout of the website and redirects to the login webpage. While testing logout component we found that there are no errors.

7.2 Integration Testing

Integration testing is the second level of the software testing process comes after unit testing. In this testing, units or individual components of the software are tested in a group. The focus of the integration testing level is to expose defects at the time of interaction between integrated components or units. Unit testing uses modules for testing purpose, and these modules are combined and tested in integration testing.

The goal of integration testing is to check the correctness of communication among all the modules. It includes four types of approaches.

A typical software project consists of multiple software modules, coded by different programmers. The purpose of this level of testing is to expose defects in the interaction between these software modules when they are integrated.

Integration testing includes various approaches like

- 1. Bigbang approach
- 2. Top down approach
- 3.Bottom up approach
- 4. Sandwiched Integration testing.

For this website, a Sandwiched approach of integration testing has been used. Sandwiched approach is also called a Mixed approach. We performed this testing by collecting individual modules and combining them one by one and tested for their functionalities whether those are working properly or not. First, we tested by combining the login page, signup page. We next combined the home page with those pages about, mission, contact us, payment page and donation pages. Finally, after completion of integration testing, we confirmed that these individual modules worked properly even after being combined with other modules.

CHAPTER 8 CONCLUSION & FUTURE SCOPE

8.1 Conclusion

The 'HHO' is designed to provide a web-based application that would accept the donation from the different users. Different users can register into the website and make donations as per their wish. If the users can have any queries they can approach through the contact us form, where the submitted details can be saved in the local storage. The registered user can view the complete application and contact us. Use of PHP and MySQL used to store the registered user's data into the database, and it validates while the user-id and password are valid or not by verifying the data from the database, and the payment details of the donator can be saved in the database which will be referred for the further use.

8.2 Future Scope

The following things can be done in future.

- The users could know more about the donations and cause details through the chatbot.
- The users can refer to the organization for help, so that we can raise cause then the donators can see the causes and donate to the cause.
- The current system is confined only to the donation process. It can be extended to have a list of donators for each cause.
- The users can donate the money monthly or one time. So, the monthly users can get a notification informing that the month is about to end.

CHAPTER 9 REFERENCES

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- [3] https://getbootstrap.com/docs/4.1/getting-started/introduction/
- [4] https://www.w3schools.com/php/
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