GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (AUTONOMOUS)

CHARITY MANAGEMENT SYSTEM

FACULTY : Dr. D.CHANDRAVATHI

Batch members :
CSE 2023-2027

M.ANURADHA (5231411111)

M.TEJO PRAKASH (5231411095)

K.HASWANTH REDDY (5231411086)

O.DILEEP KUMAR (5231411123)

K.SHANMUKH ADITYA SRAGVIN (5231411069)

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ABSTRACT :

This project offers a comprehensive overview of the charity sector and its operational needs. Charity management involves streamlining and organizing key aspects of a charity's operations into core components. This approach makes it easier to manage resources, track donations, oversee projects, and engage volunteers, ensuring that the charity can run smoothly and efficiently. By simplifying these processes, we can enhance the effectiveness of charitable initiatives and ensure they have the greatest impact on those in need.

❖ **Key functionalities of a Charity Management database :**

1.Donor Management :
Donor management focuses on building strong relationships with supporters by keeping track of their information and donation history

2.Volunteer Management :
Volunteer management involves recruiting, organizing, and supporting individuals who dedicate their time to a charity.

3.Project Management :
Project management in a charity involves planning, organizing, and overseeing various initiatives to ensure they run smoothly.

PROBLEM STATEMENT:

Detailed explanation of current issues faced in managing charity activities.

PRIMARY SYSTEM:

The primary system refers to how charities are currently managing their operations.

PROPOSED SYSTEM:

The proposed solution is an integrated, automated Charity Management System that streamlines all key activities , improving efficiency , transparency and engagement.

HARDWARE REQUIREMENTS :

Windows 10

8GB RAM

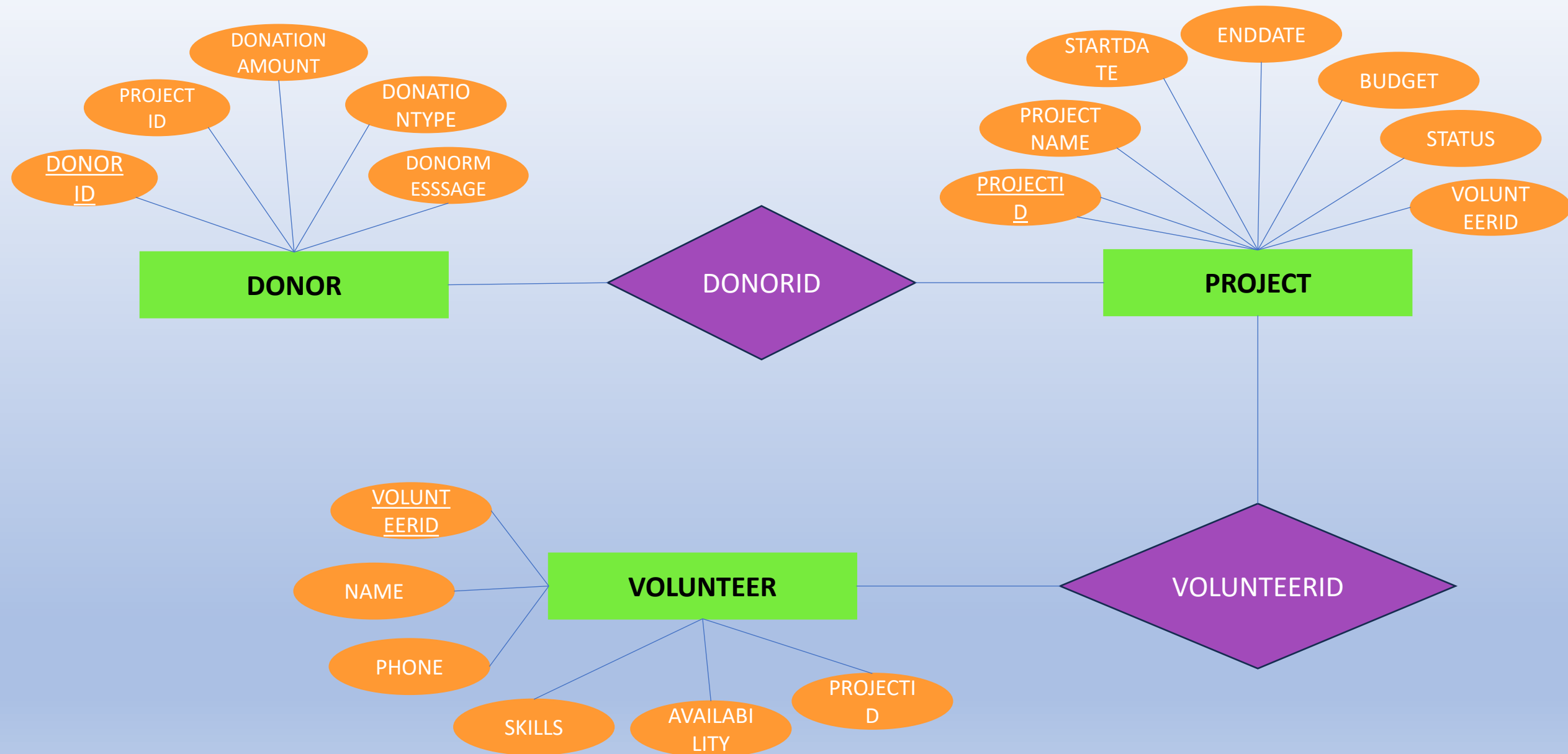512GB SSD

SOFTWARE REQUIREMENTS :

Compiler and sources used :

VS Code

Frontend :
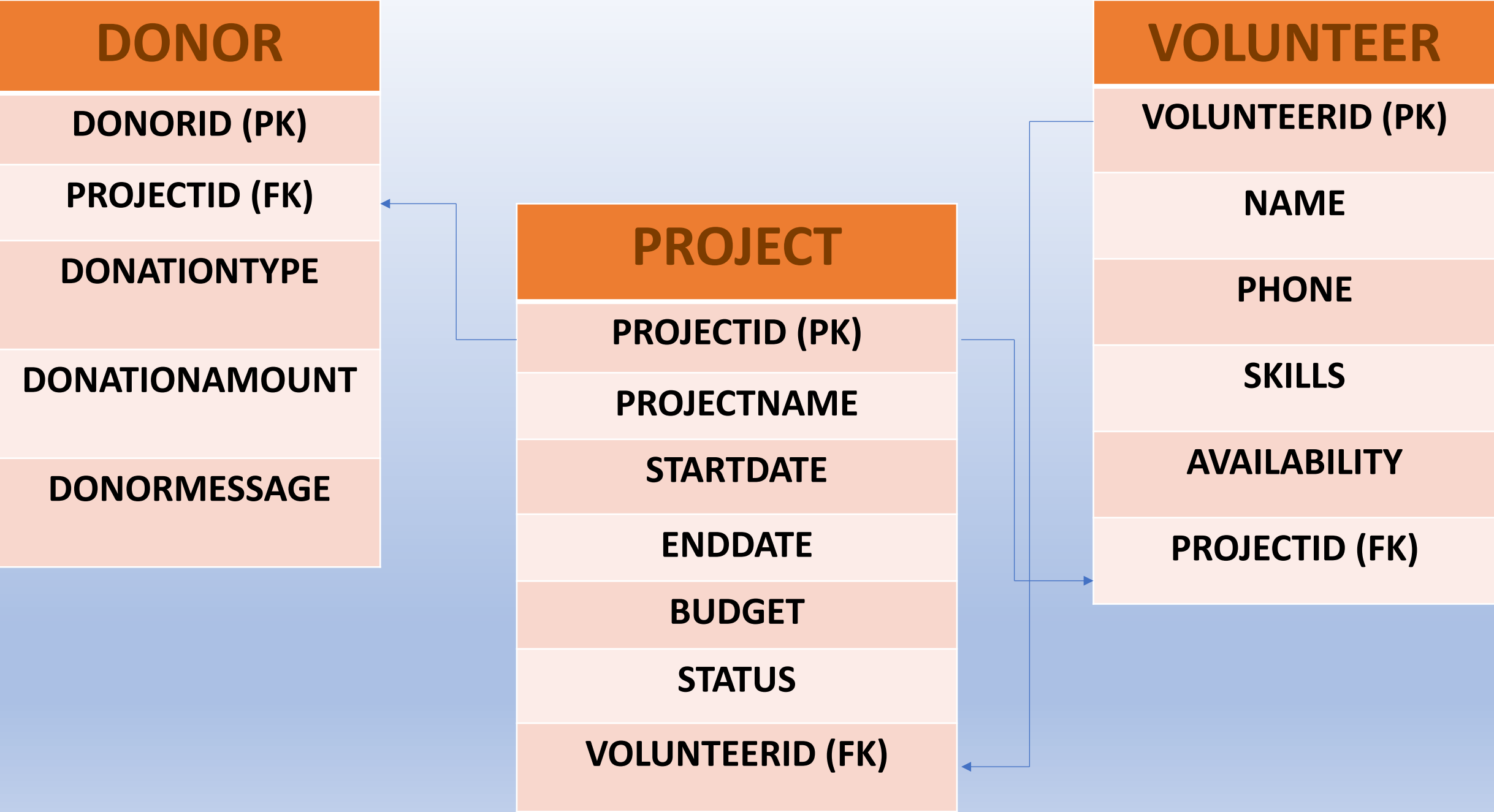
HTML , CSS

Backend :

XAMPP , PMP

DONOR

ATTRIBUTES
DONORID
PROJECTID
DONATIONTYPE
DONATIONAMOUNT
DONORMESSAGE

VOLUNTEER

ATTRIBUTES
VOLUNTEER ID
NAME
PHONE
SKILLS
AVAILABILITY
PROJECT ID

PROJECT

ATTRIBUTES
PROJECT ID
PROJECT NAME
START DATE
END DATE
BUDGET
STATUS
VOLUNTEERID

USER INTERFACE
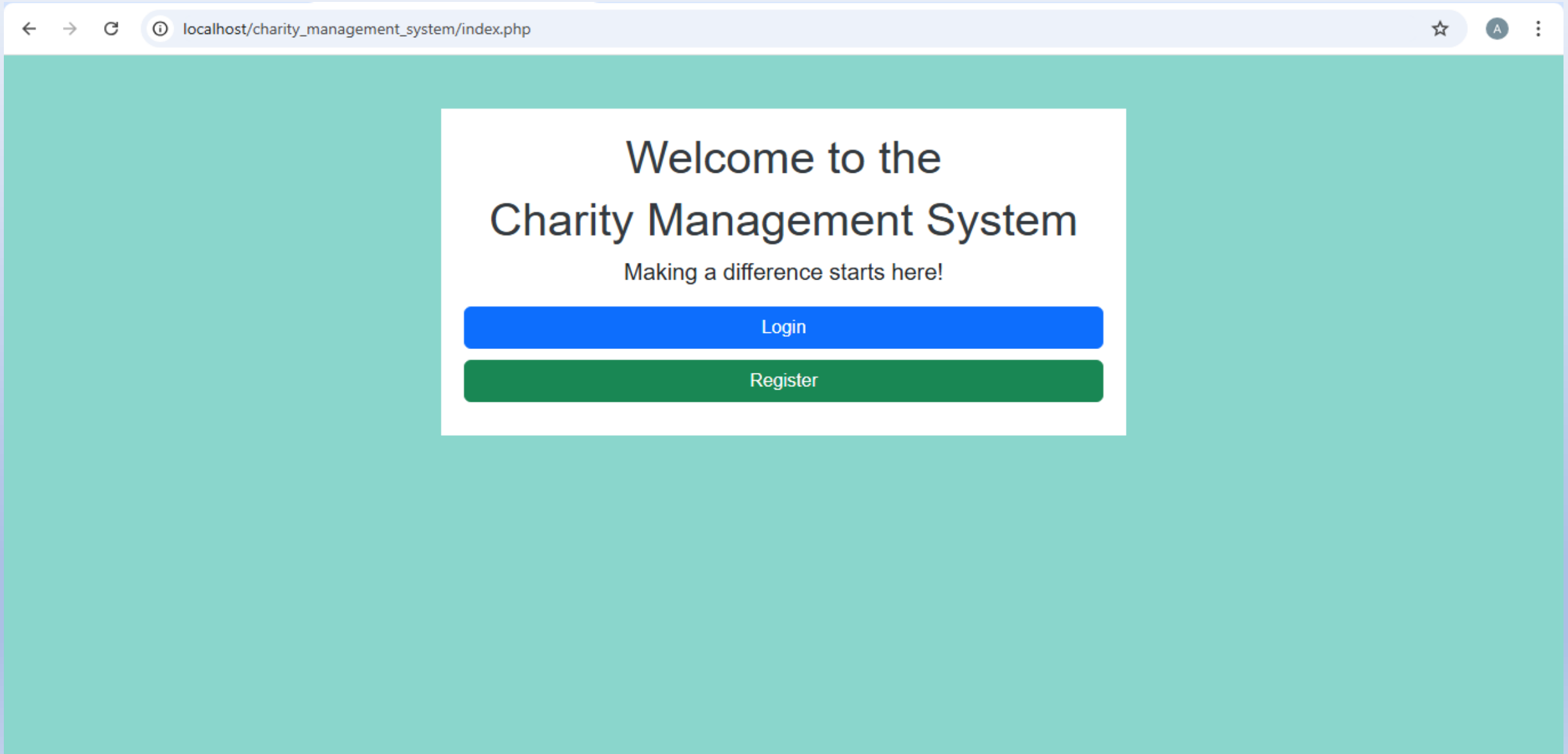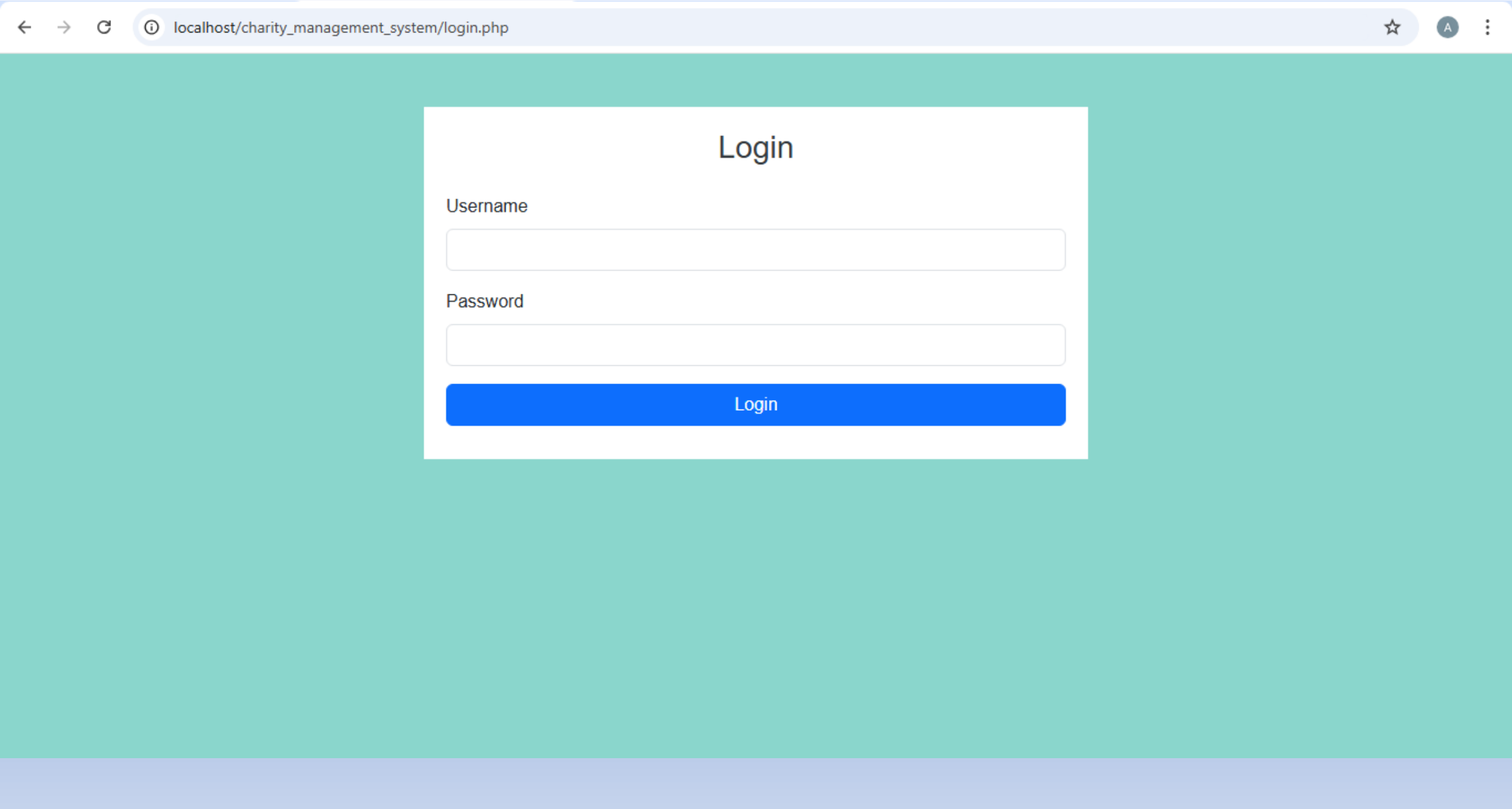
Login

Username

Password

Login

Register

Username

Email

Password

Role

Donor

Register

CHARITY MANAGEMENT SYSTEM

CMS   Dashboard   Donors   Volunteers   Profile   Logout

Welcome to the Donor Dashboard

Here you can view your donations, volunteer activities, and manage your profile.
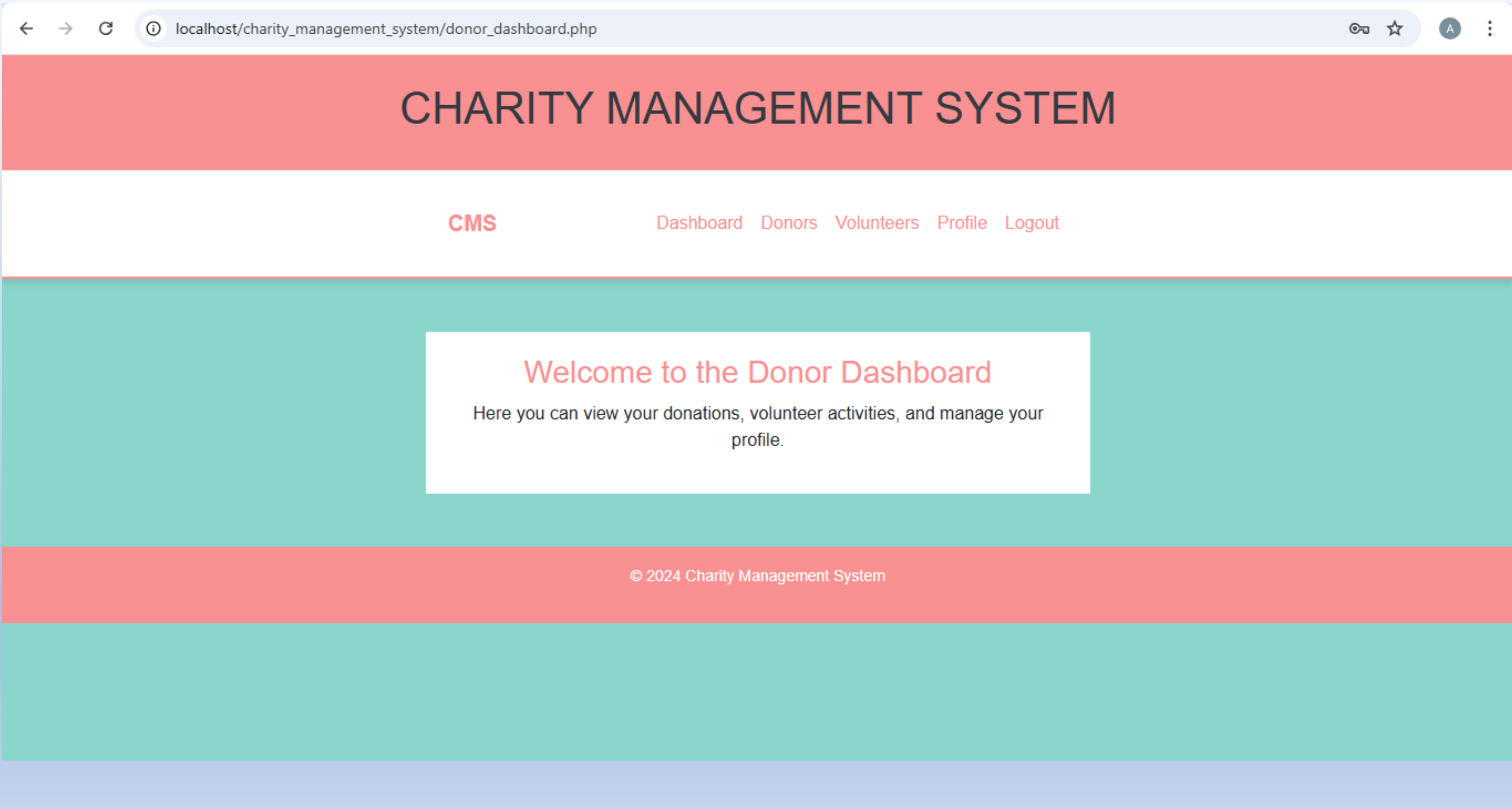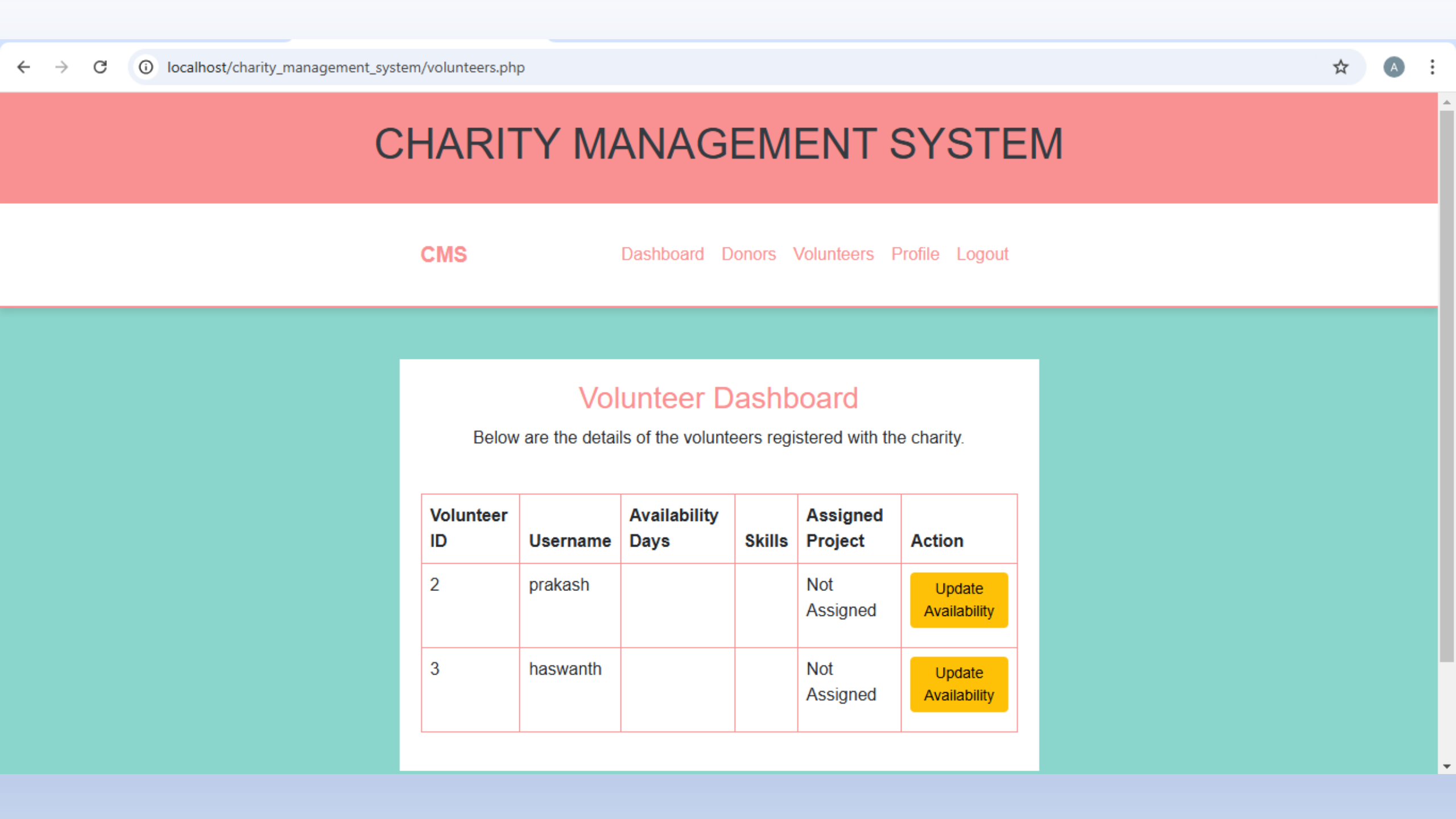
CHARITY MANAGEMENT SYSTEM

CMS   Dashboard   Donors   Volunteers   Profile   Logout

Volunteer Dashboard

Below are the details of the volunteers registered with the charity.

Volunteer ID	Username	Availability Days	Skills	Assigned Project	Action
2	prakash			Not Assigned	Update Availability
3	haswanth			Not Assigned	Update Availability

CHARITY MANAGEMENT SYSTEM

CMS Dashboard Projects Donors Volunteers Profile Logout

View Donations

Below are the details of the donations made by the users.

Donation ID	User ID	Donation Type	Amount	Donation Date
No donations found				
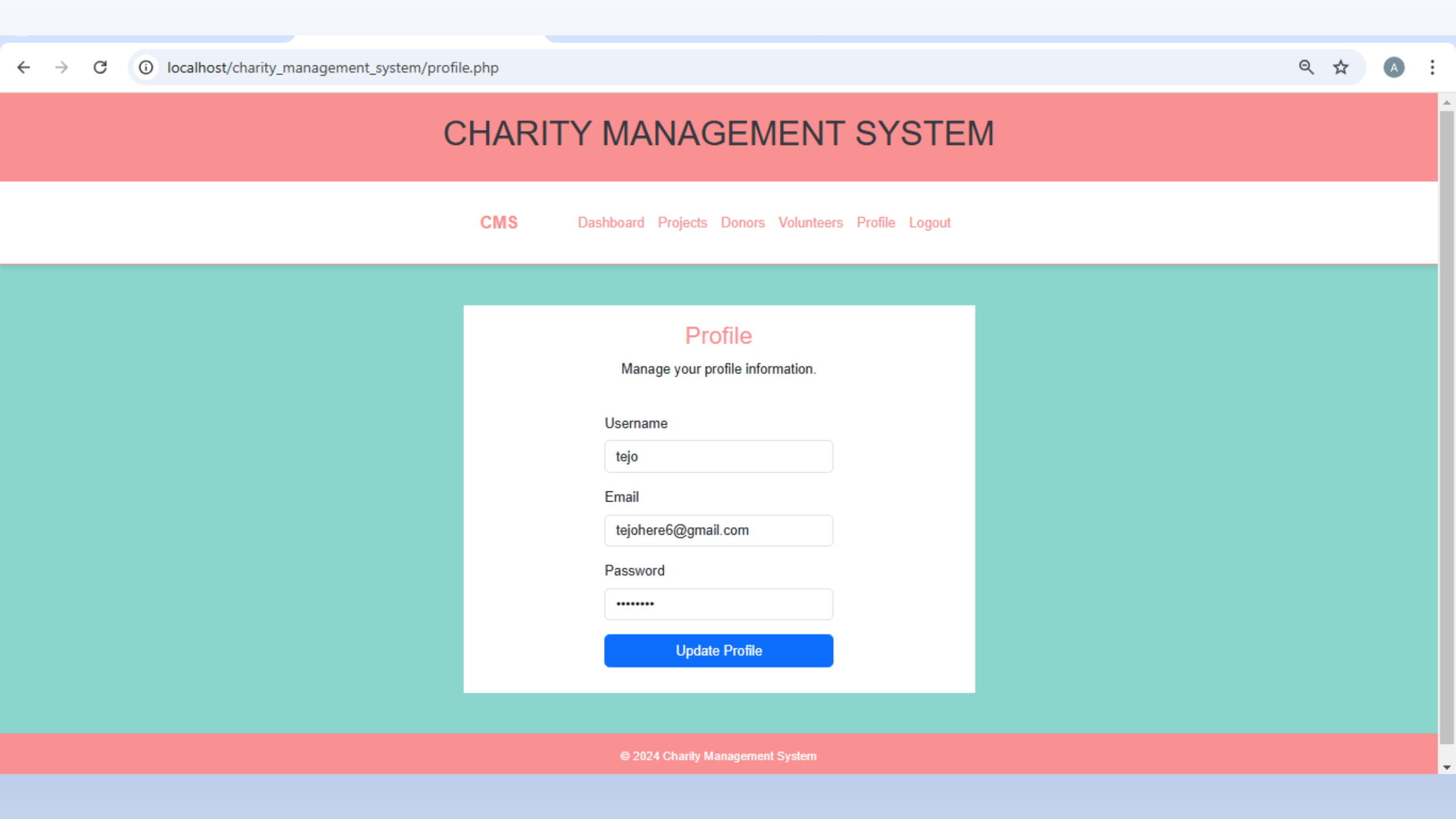
CHARITY MANAGEMENT SYSTEM

CMS Dashboard Projects Donors Volunteers Profile Logout

Profile

Manage your profile information.

Username

tejo

Email

tejohere6@gmail.com

Password

••••••••

Update Profile
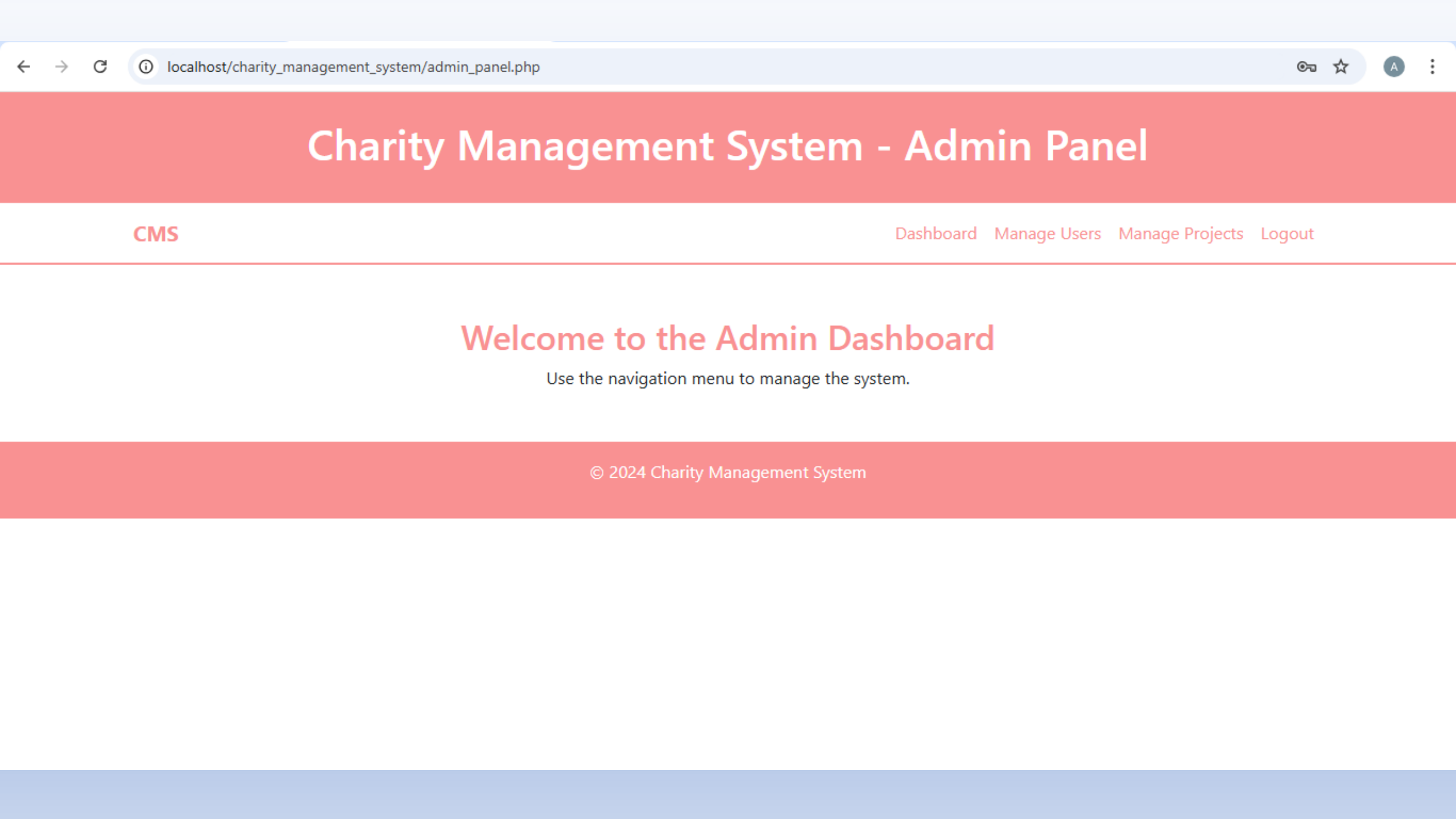
Charity Management System - Admin Panel

CMS

Dashboard   Manage Users   Manage Projects   Logout

Welcome to the Admin Dashboard

Use the navigation menu to manage the system.

© 2024 Charity Management System

Manage Users - Charity Management System

CMS

Dashboard Manage Users Logout

Manage Users

User ID	Username	Role	Action
5	tejo	Donor	Delete
7	prakash	Volunteer	Delete
8	haswanth	Volunteer	Delete

Manage Projects - Charity Management System

CMS

Dashboard   Manage Users   Manage Projects   Logout

Manage Projects

Project ID	Project Name	Description	Status	Action

Add New Project

CMS

Dashboard   Make a Donation   Profile   Logout

Make a Donation

Donation Type

Select donation type ⌄

Quantity

Enter quantity

Project ID

Enter associated project ID (optional)

Description

Enter details (if any)

Submit Donation

CMS

Make a Donation

Donation Type

Select donation type ⌄

| Select donation type |
| Food |
| Clothes |
| Money |
| Other |

Enter associated project ID (optional)

Description

Enter details (if any)

Submit Donation

Welcome, Volunteer

Your Information

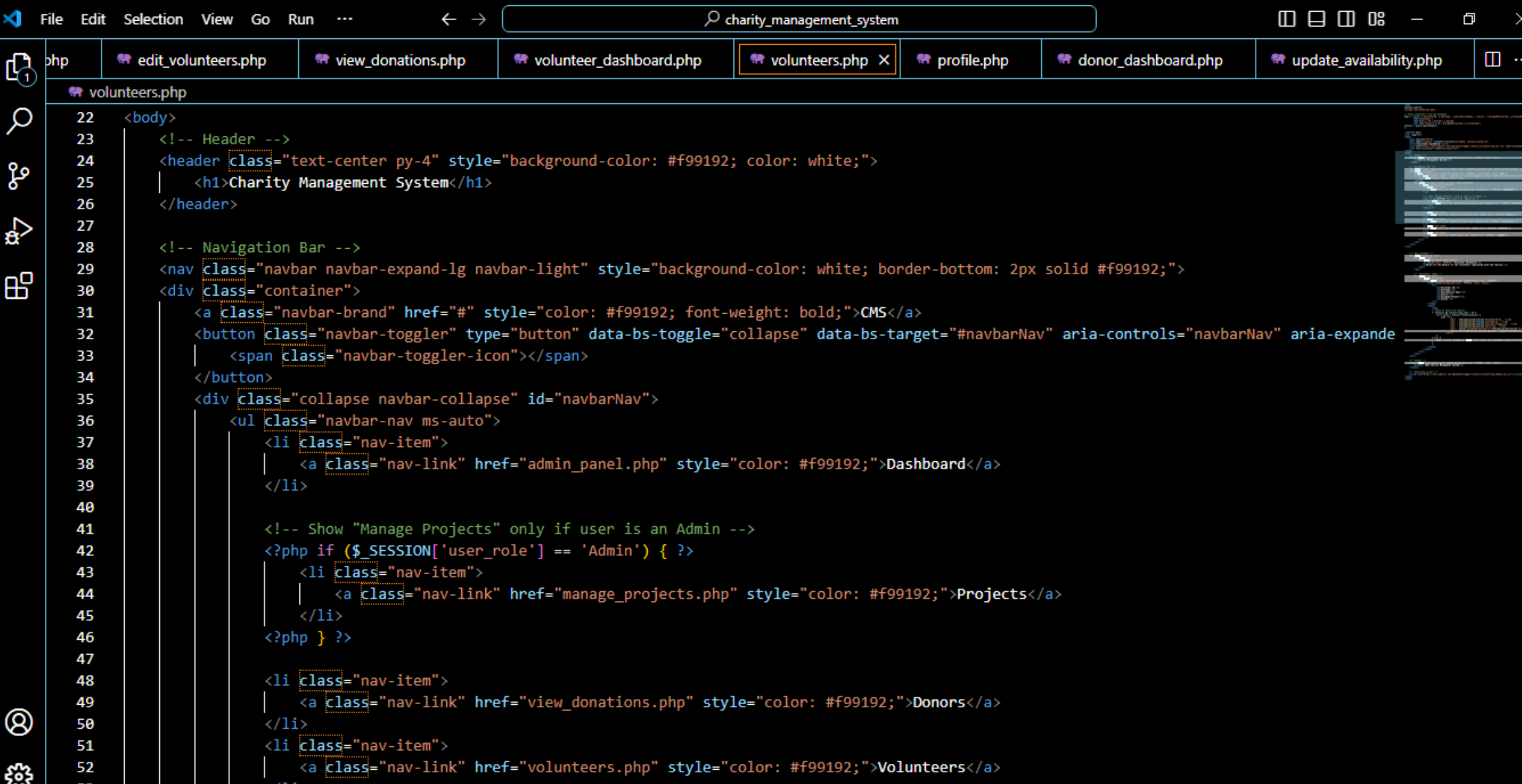**Availability:**

Skills:

Assigned Project:

Edit Your Information

Edit Your Information

Availability

Skills

Assigned Project ID

Update Information

FRONTEND


```php
22  <body>
23      <!-- Header -->
24      <header class="text-center py-4" style="background-color: #f99192; color: white;">
25          <h1>Charity Management System</h1>
26      </header>
27
28      <!-- Navigation Bar -->
29      <nav class="navbar navbar-expand-lg navbar-light" style="background-color: white; border-bottom: 2px solid #f99192;">
30      <div class="container">
31          <a class="navbar-brand" href="#" style="color: #f99192; font-weight: bold;">CMS</a>
32          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expande
33              <span class="navbar-toggler-icon"></span>
34          </button>
35          <div class="collapse navbar-collapse" id="navbarNav">
36              <ul class="navbar-nav ms-auto">
37                  <li class="nav-item">
38                      <a class="nav-link" href="admin_panel.php" style="color: #f99192;">Dashboard</a>
39                  </li>
40
41                  <!-- Show "Manage Projects" only if user is an Admin -->
42                  <?php if ($_SESSION['user_role'] == 'Admin') { ?>
43                      <li class="nav-item">
44                          <a class="nav-link" href="manage_projects.php" style="color: #f99192;">Projects</a>
45                      </li>
46                  <?php } ?>
47
48                  <li class="nav-item">
49                      <a class="nav-link" href="view_donations.php" style="color: #f99192;">Donors</a>
50                  </li>
51                  <li class="nav-item">
52                      <a class="nav-link" href="volunteers.php" style="color: #f99192;">Volunteers</a>
53                  </li>
```
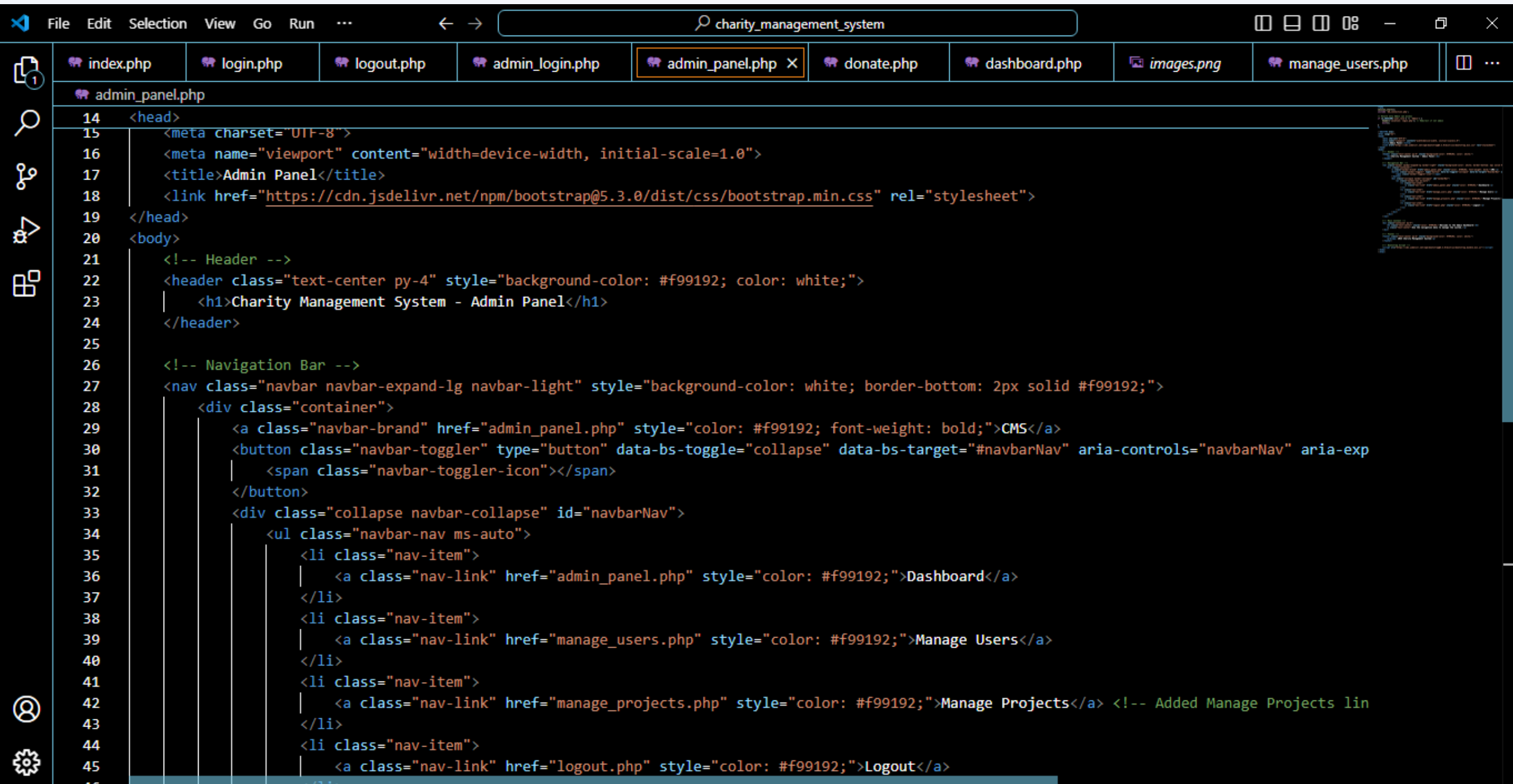
```php
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Charity Management Dashboard</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
    <link rel="stylesheet" href="css/style.css">
</head>
<body>
    <!-- Header -->
    <header class="text-center py-4" style="background-color: #f99192; color: white;">
        <h1>Charity Management System</h1>
    </header>

    <!-- Navigation Bar -->
    <nav class="navbar navbar-expand-lg navbar-light" style="background-color: white; border-bottom: 2px solid #f99192;">
        <div class="container">
            <a class="navbar-brand" href="#" style="color: #f99192; font-weight: bold;">CMS</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-exp
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link" href="dashboard.php" style="color: #f99192;">Dashboard</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="projects.php" style="color: #f99192;">Projects</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="view_donations.php" style="color: #f99192;">Donations</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="volunteers.php" style="color: #f99192;">Volunteers</a>
```

```php
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Admin Panel</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet">
</head>
<body>
    <!-- Header -->
    <header class="text-center py-4" style="background-color: #f99192; color: white;">
        <h1>Charity Management System - Admin Panel</h1>
    </header>

    <!-- Navigation Bar -->
    <nav class="navbar navbar-expand-lg navbar-light" style="background-color: white; border-bottom: 2px solid #f99192;">
        <div class="container">
            <a class="navbar-brand" href="admin_panel.php" style="color: #f99192; font-weight: bold;">CMS</a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-exp
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav ms-auto">
                    <li class="nav-item">
                        <a class="nav-link" href="admin_panel.php" style="color: #f99192;">Dashboard</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="manage_users.php" style="color: #f99192;">Manage Users</a>
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="manage_projects.php" style="color: #f99192;">Manage Projects</a> <!-- Added Manage Projects lin
                    </li>
                    <li class="nav-item">
                        <a class="nav-link" href="logout.php" style="color: #f99192;">Logout</a>
```

BACKEND

phpMyAdmin

Recent Favorites

- New
- charity_management_system
  - New
  - donations
  - donors
  - projects
  - users
  - volunteers
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Server: 127.0.0.1 » Database: charity_management_system » Table: donors

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	DonorID 🔑	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	UserID 🔑	int(11)			No	None			Change Drop More
3	DonationType	enum('Food', 'Clothes', 'Money')	utf8mb4_general_ci		No	None			Change Drop More
4	Quantity	int(11)			No	None			Change Drop More
5	DonationDate	date			No	None			Change Drop More
6	Notes	text	utf8mb4_general_ci		Yes	NULL			Change Drop More

↑ Check all   With selected: Browse | Change | Drop | Primary | Unique | Index | Spatial | Fulltext

Add to central columns   Remove from central columns

Print   Propose table structure   Track table   Move columns   Normalize

Add [1] column(s) [after Notes ▼] Go

Indexes ⓘ

Action			Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit	Rename	Drop	PRIMARY	BTREE	Yes	No	DonorID	1	A	No	
Edit	Rename	Drop	UserID	BTREE	No	No	UserID	1	A	No	

Console index on [1] columns Go

phpMyAdmin

Recent Favorites

- New
- charity_management_system
  - New
  - donations
  - donors
  - projects
  - users
  - volunteers
- information_schema
- mysql
- performance_schema
- phpmyadmin
- test

Server: 127.0.0.1 » **Database: charity_management_system** » **Table: volunteers**

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
☐ 1	**VolunteerID** 🔑	int(11)			No	None		AUTO_INCREMENT	✏ Change	⊖ Drop	More
☐ 2	**UserID** 🔑	int(11)			No	None			✏ Change	⊖ Drop	More
☐ 3	**AvailabilityDays**	varchar(100)	utf8mb4_general_ci		No	None			✏ Change	⊖ Drop	More
☐ 4	**Skills**	text	utf8mb4_general_ci		Yes	NULL			✏ Change	⊖ Drop	More
☐ 5	**AssignedProjectID** 🔑	int(11)			Yes	NULL			✏ Change	⊖ Drop	More

↑ ☐ Check all   With selected: 🔲 Browse ✏ Change ⊖ Drop 🔑 Primary 🆄 Unique 📑 Index 🅢 Spatial 🆃 Fulltext

🧺 Add to central columns   🧺 Remove from central columns

🖨 Print 📝 Propose table structure ⓘ   ◉ Track table   ⬚ Move columns   ✨ Normalize

⊷ Add [1] column(s) [after AssignedProjectID ▾] [Go]

Indexes ⓘ

Action			Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
✏ Edit	📝 Rename	⊖ Drop	PRIMARY	BTREE	Yes	No	VolunteerID	2	A	No	
✏ Edit	📝 Rename	⊖ Drop	UserID	BTREE	No	No	UserID	2	A	No	
✏ Edit	📝 Rename	⊖ Drop	AssignedProjectID	BTREE	No	No	AssignedProjectID	2	A	Yes	

CONCLUSION :

This Charity Management Project helps simplify the way nonprofits manage donors, volunteers, and projects. It provides an easy-to-use system that makes it simple to track donations, manage volunteer activities, and organize projects efficiently. Donors and volunteers can easily participate and stay engaged, creating a stronger connection with the organization. By using this system, nonprofits can focus more on making a difference in their communities and less on administrative work. Overall, this project is a step toward building trust, improving teamwork, and making a greater impact.

Thank You