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PROJECT TITLE

20INMCA310- Mini Project

Scrum Master

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ABSTRACT

This project is a **CHARITEX-Charity Management System** developed in PHP, designed to facilitate charitable contributions and volunteer participation for various causes. The system aims to connect donors, volunteers, and administrators under one platform to address critical social issues, such as educational donations, child orphan support, aid for abandoned elders, and feeding the hungry.

Users Roles:

Donors

- **Register and Log In:**

Create an account using their email and password.

Log in to access personalized features like donation history.

- **Browse Causes:**

View a list of active causes (e.g., education, blood donation, orphan care).

Filter causes by category or urgency.

- **Donate to Causes:**

Select a cause and make a financial contribution.

Enter the donation amount and payment details.

View a summary of donation progress (e.g., target vs. raised amount).

- **Track Donations:**

Check donation status (e.g., pending, completed).

Access receipts for previous donations.

- **Submit Verification Documents:**

For cases like educational donations, upload documents (e.g., income certificates) to validate the need.

- **Contact Support:**

Use the contact form to ask questions or report issues.

Volunteers

- **Register as a Volunteer:**

Fill out a form with personal details, preferred causes, and availability.

Provide optional information like skills or past experience.

Administrators

Administrators oversee the platform's operations and ensure smooth management of donations, causes, and users.

- **Manage Causes:**

Add new causes with a title, description, target amount, and status (active/completed).

Edit or remove causes as necessary.

Monitor raised amounts and donation progress.

- **Verify Cases:**

Review uploaded documents (e.g., income certificates) for educational donations.

Approve or reject cases based on authenticity.

- **Oversee Donations:**

View donation history for all users.

Approve pending donations or resolve issues related to failed payments.

Generate reports on total funds raised per cause.

- **Manage Users:**

View and manage donor and volunteer accounts.

- **Volunteer Coordination:**

Review volunteer registrations.

Assign volunteers to specific causes or events.

Communicate directly with volunteers.

- **Analyze and Report:**

Generate reports on donation trends, user engagement, and cause performance.

Use insights to improve system operations.

Interaction Between Users and Admins

Donors interact with the system through donations and status tracking, while admins ensure transparency and manage the backend operations.

Volunteers sign up for roles, and admins allocate them tasks or events.

Both users and admins communicate via the contact form or notification system for updates.

Locality of the Charity Management System

The Donation Management System is designed to cater to both local and global communities:

1. Local Charity Operations

For organizations operating within a specific geographical area, such as a town, city, or region:

- **Localized Causes:**

Causes can be specific to local communities, such as funding for local schools, supporting nearby orphanages.

- **Volunteer Engagement:**

Volunteers can specify their location and availability, helping administrators assign them to nearby events or tasks.

- **Localized Verification:**

Income certificates or other supporting documents can be verified by local administrators or trusted organizations.

2. Regional/National Operations

When managing donations and volunteering at a larger scale, such as across a state or country:

Regional Filters for Causes:

Users can browse causes by region or state, making it easier to focus on areas they care about.

Cross-Region Transparency:

Real-time updates on donations and fund utilization ensure trust across different locations.

Technologies Used:

Frontend Technologies:

HTML5: For structuring web pages.

CSS3: For styling and responsive design.

JavaScript: (Optional for dynamic behaviors, if needed).

Backend Technologies:

PHP: For server-side logic and data handling.

Database:

MySQL: For storing and managing user data, donations, causes, and messages.

Features:

Donation System

- Donors can select a cause and make financial contributions.
- Secure donation processing ensures reliability.
- Real-time updates of the donation status (pending/completed) and the progress of funds raised toward a target.

Contact and Support

- A dedicated contact form allows users to submit inquiries, feedback, or messages.
- Messages are stored in the database and can be accessed by administrators for follow-up.

Transparency and Tracking

- Donors and administrators can track the progress of donations for each cause.
- Ensures transparency in the management of funds

Database Integration

- Uses MySQL to store and manage data, including user accounts, causes, donations, volunteer registrations, and messages.
- Ensures data consistency, reliability, and easy retrieval.

Dynamic and Responsive Web Design

- The interface is designed to be user-friendly and accessible across devices.
- A responsive layout ensures compatibility with desktop, tablet, and mobile screens.

Results: By simplifying the donation and volunteering process, this system increases accessibility and efficiency in addressing critical social needs.