Project Details

Project Name:	Blood Donation Management System
Assigned To:	Pallavi Ediga
Due Date:	2025-04-01

Description:

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The **Blood Donation Management System** is a web-based platform designed to **connect blood donors with recipients**. It helps hospitals, blood banks, and individuals **search for blood donors, manage donation records, and request blood donations**. The project will be developed using **PHP, Bootstrap, and MySQL** to ensure a dynamic and user-friendly experience.

Features to Implement

1.

   User Authentication

   - **Donor registration** with personal details and blood type.

   - **Recipient registration** to request blood donations.

   - **Admin login** to manage donor and recipient records.

2.

   Donor Management System

   - Allow donors to **register, update availability, and delete profiles**.

   - Store donor details such as **name, contact, blood group, and location**.

3.

   Blood Request System

- Recipients can **search for donors by blood type and location**.
- Request blood donations through a **form submission**.

4.

Admin Panel (Donor & Request Management)

- View and manage **donor and recipient details**.
- Approve or reject blood donation requests.

5.

Database Management

- Store **donor, recipient, and blood request records** in MySQL.

6.

Security Measures

- Validate **user input** to prevent SQL injection.
- Ensure secure authentication for managing donor and recipient data.