**Blood Donor Management System Proposal**

1. **WebApp Name:**

Blood Donor Management System

1. **WebApp Description:**

The Blood Donor Management System is a web application designed to streamline the process of blood donation and management. It aims to connect donors and blood banks efficiently, enabling better management of blood donations and medical-related activities. The system allows donors to contribute, and view & edit available blood details. On the other hand, administrators have full control over the system and can manage blood collection details, donor data, announcements, and campaigns.

1. **WebApp Functions, Pages, & DB:**
2. **Admin Login:**

Page: admin\_login.php

Page Description: Allows the administrator to log in and access the system for managing records and activities.

1. **Donor Login:**

Page: donor\_login.php

Page Description: Allows donors to log in, view available blood details, announcements, campaigns, and donate blood.

1. **Manage Blood Collection Details:**

Page: manage\_blood.php

Page Description: Allows the administrator to manage blood collection details, including donor's name, gender, date of birth, weight, contact information, blood quantity, and collection date.

1. **Donor Management System:**

Page: donor\_management.php

Page Description: Allows the administrator to manage donor data by creating accounts, and providing identity details, blood group, weight, and contact information.

1. **Donate Blood:**

Page: donate\_blood.php

Page Description: Allows donors to directly contribute by donating blood without requiring admin's permission.

1. **Summary of Available Blood**

Page: summary\_blood.php

Description: Using pie-chart representation, illustrates a summary of available blood according to blood groups.

**Database (DB):**

Database Name: blood\_donor\_management\_db

**Tables:**

1. **admin\_login:** Manages admin login credentials and information.
2. **donor\_details:** Stores donor information including name, gender, date of birth, weight, contact information, and blood group.
3. **blood\_collection\_details:** Contains blood collection information such as donor's name, blood quantity, collection date, etc.

**Data to be Stored in the Database (DB):**

1. **Admin Login**

Fields: username, password

1. **Donor Details:**

Fields: donor\_id, name, gender, date\_of\_birth, weight, contact\_info, blood\_group

1. **Blood Collection Details:**

Fields: donor\_id, blood\_quantity, collection\_date

1. **Contribution:**

As for now I am individually doing this project and doing all implementation from frontend to backend.

This proposed Blood Donor Management System in PHP aims to provide a comprehensive solution for blood banks and donors, enhancing the efficiency of blood donation processes and facilitating effective communication and interaction between donors and blood banks.