



San Diego Blood Bank

Database Web Interface

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Project Objective:

San Diego Blood Bank (SDBB) is a browser-based system that is designed to store, process, retrieve and analyze information concerned with the administrative and inventory management within a blood bank. This project aims at maintaining all the information pertaining to blood donors, blood recipients, different blood groups available in each blood bank and help them manage in a better way. Aim is to provide transparency in this field, make the process of obtaining blood from a blood bank hassle free and corruption free and make the system of blood bank management effective and user friendly.

Project Scope & Features:

1. San Diego Blood Bank Home page.
2. Donor Management page.
3. Recipient Management page.
4. San Diego Blood Banks Information & Data.

Brief Overview of Technology: (Technology stack is subject to change)

1. Front end: HTML, CSS
2. Back end: PHP, MySQL
3. Software Requirement: Xampp Server

Database Schema & design: (Database design & schema is subject to change)

The ER diagram below depicts the structural representation of the database schema of the San Diego Blood Bank containing 4 entities having attributes, relations between these entities, cardinality, and participation ratios between these entities etc.

