

Objective / Vision

The BLOOD BANK MANAGEMENT SYSTEM is great project. this project is designed for successful completion of a project on blood bank management system.

The basic building aim is to provide blood donation service to the city recently. Blood Bank Management System (BBMS) is a Web-based application 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, different blood groups available in each blood bank and help them manage in a better way.

Project 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.

Functional Requirements

Need of Blood Bank Management System

Blood Bank donation system can collect blood from many donators in short from various sources and distribute that blood to needy people who require blood.

To do all this we require high-quality Web Application to manage those jobs.

Modules of BBMS

- Donor Registration
- Blood Login
- Blood Donor
- Equipments
- Stick
- Blood Recipient
- Blood collection
- Camp
- Stock details
- Blood issued

Features

- Online transfer of blood from one blood bank to another. Provide a list of Donors who are eligible for donations on a particular date with a contact number.
- Inventory management in blood bank for storage and issuance of blood.
- Camp wise Donor List and Printing of Donor Cards. Patient Register/ Blood Sample Receiving Register, Donor Register, Blood Issue Register and Discarded Blood report. Donor Management- Donor Registration, Managing donor database, recording their physical and medical statistics.

Software Requirements

Requirement	Characteristic
Front end	HTML, CSS, JavaScript
Back end	PHP, MySQL
Software Requirement	WAMP, XAMP, VS Code