

1. **PROJECT TITLE :**

BLOOD BANK MANAGEMENT SYSTEM

2. **PROJECT DESCRIPTION :**

The Project **BLOOD BANK MANAGEMENT SYSTEM** is designed to provide blood donation service to the city. It is a Web-Based Application that is designed to store, process, retrieves and analyze information.

This project aims at maintaining all the information pertaining to blood donors, different blood groups available in each blood bank, camps it will help them to manage in better way for an effective process.

3. **HARDWARE REQUIREMENTS:**

MONITOR : 14 Color Machine

RAM : 8 GB

KEYBOARD : 101 Keyboards

SOFTWARE REQUIREMENTS:

OPERATING SYSTEM : WINDOWS 8, 10 64 bit

FRONT END : NODE. JS

BACK END : MONGODB

APPLICATION : WEB APPLICATION

4. **MODULES DESCRIPTION :**

- i. Donor Registration and Login
- ii. Admin Login

FUNCTIONALITY OF MODULES :

- i) Donor Registration and Login :
 - ✓ Every donor should register and login with their username and password.
 - ✓ After they login into the site. They can view blood request and if they need blood they can also request to the admin and various camps.
 - ✓ The Donor can also update their profile and change their password.

- ii) Admin Login :
 - ✓ As the side of Administrator he can collect information about the donor details.
 - ✓ He can also add a blood group and search donor for send request.
 - ✓ The Admin can view the donor details.
 - ✓ He can view the request from the camp and notify to the donor.

These are the modules and functionality of our project blood bank management system .