

BLOOD BANK MANAGEMENT
SYSTEM



SUBMITTED TO-

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INTRODUCTION:

The software system is an online blood bank management system that helps in managing various blood bank operations effectively. The project consists of a central repository containing various blood deposits available along with associated details. These details include blood type, storage area and date of storage. These details help in maintaining and monitoring the blood deposits. The project is an online system that allows to check whether required blood deposits of a particular group are available in the blood bank. Moreover the system also has added features such as patient name and contacts, blood booking and even need for certain blood group is posted on the website to find available donors for a blood emergency. This online system is developed on .net platform and supported by an Sql database to store blood and user specific details.

AIM:

The main aim of developing this software is to provide blood to the people who are in need of blood. The numbers of persons who are in need of blood are increasing in large number day by day. Using this system user can search the blood group available in the city and he can also get contact number of the donor who has the same blood group. In order to help people who are in need of blood, this Online Blood Bank software can be used effectively for getting the details of available blood groups and user can also get contact number of the blood donors having the same blood group and within the same city.

BLOOD BANK MANAGEMENT SYSTEM PROJECT REPORT

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blood group available in the city and he can also get contact number of the donor who has the same blood group he needs. In order to help people who are in need of blood, this Online Blood Bank management system can be used effectively for getting the details of available blood groups and user can also get contact number of the blood donors having the same blood group and within the same city. So if the blood group is not available in the blood bank user can request the donor to donate the blood to him and save someone life. Using this bank management system people can register himself or herself who want to donate blood. To register in the system they have to enter their contact information like address mobile number etc.

This blood bank management system is an online website so it is easily available to everyone. When a person want to donate blood he have to register to the system. Donor registration is very easy, to get register to the system he have to fill up registration form. After submitting the registration form he can create username and password. Donor have to give information like blood group, contact details etc. donor can also change his account information when he wants using his username and password.

Using this blood bank system people can search blood group available which they are needed. They check it online using our blood bank management website. If in case blood group is not available in blood bank they can also get contact numbers of the persons who has the same blood group he is need. And he can request the person to donate the blood for saving someone life. Our system also allow user to search online the person who have the same blood group he needs and if he find the If he find a donor in his city then we give him all details of the donor, if he doesn't find any donor then he is given the contact numbers and addresses of the Life Saving Contact Persons for big cities.

Proposed system:

The proposed Blood Bank management system helps the people who are in need of a blood by giving them all details of blood group availability or regarding the donors with the same blood group.

The advantages of the proposed system

The people in need of blood can search for the donors by giving their blood group and city name. it saves time as he can search donors online without going anywhere. Using this system user can get blood in time and can save his relative or friend life. Our website work 24x7 so user can get information of blood donor any time. Blood donor can also get registered and save life of other person. The main benefit of this system is the information of available blood group. When blood is need in the operation then people have very less time to get the blood available so if he get the information like who can give him blood in time in his city is life saving. And here our system work, whenever a person need blood he get information of the person who has the same blood group he needs.

MODULES OF BLOOD BANK MANAGEMENT SYSTEM

Online Blood Bank management system is to provide services for the people who are in need of blood by getting help from the donors who are interested in donating blood for the people. There are seven main modules in this system.

Admin

Donors

Donor Registration

Modifying Donor Information

Acceptors

Donor Search

Inbox

Admin:

Admin can manage both donors & acceptors. He can add or remove any user from the system. Each member in a donor & acceptor is given a user id and password, which identifies him uniquely. From admin module use can change donor details, delete donor or change the password.

- Change Password
- Modify donor details
- delete donor details
- Logout

Whenever a user wants to change his / her password he can select the change password option. The system displays the form, which asks him for his old password and new password. The system then compares the old password with the existing password in the database and if they match then the password is set to the new password in the database.

Donors

From this module user can search donor for blood and can also refer his friend to become a donor. Donor can also get information like when he donated blood or when he will be able to donate blood.

[HOME](#)[ABOUT](#)[DONORS](#)[DONATE](#)[INBOX](#)[LOG OUT](#)Blood Group: City: State: 

Donor Registration:

In this module, people who are interested in donating blood get registered in my site and give his overall details related to him, i.e. he fills in a registration form by giving the total details such as name, address, city, sex, wt, dob, blood group, telephone numbers, e-mail address, etc. He was also given two fields' username and password to fill such that he was a registered donor and he can enter the login form with his username and password and can modify his details if needed.

[HOME](#)[ABOUT](#)[DONORS](#)[DONATE](#)

SIGN UP

Enter Username :

Create Password :

Confirm Password :

Email :

Address :

City :

State :

Mobile no. :

Blood Grp :

Inbox:

In Inbox people send the messages to donors or acceptors also. User have to type the username and message they want to send and click on submit button.



HOME ABOUT DONORS DONATE INBOX LOG OUT




SEND MESSAGE TO DESIRED USERNAME


To :

Message :

SUBMIT

Home Page:

HOME ABOUT DONORS DONATE



It takes all types!

GIVING = LIVING

"Excuses never save a life,
Blood donation does."

Welcome to our site where this community of people like us are helping the needy ones by donating blood. Be a part of our community a be a real life hero by saving someones life.

LOGIN

Username

Password

Don't have an account ?? [Create Account](#)

Blood Donation Tips

- Donation frequency should be Every 56 days from Donation.
- You must be in good health condition.
- You must be at least 16 years above to donate.
- You must weigh at least 50 KG.

System - Flow Diagram:

