Blood Bank Management System

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INTRODUCTION

The main aim of this project Blood Bank Management System is to maintain all the information pertaining to blood donors,different blood groups available in each blood bank and help them manage in a best way. This system provides transparency in this field, makes the process of obtaining blood from a blood bank corruption free and makes the system of blood bank management effective. Blood Bank Management System can help to collect blood from many donors from various sources and distribute that blood to needy people who require blood. This system has many facilities like online transfer of blood from one blood bank to another. This project can manage List of Donors who are eligible for donation on a particular date with contact Number. This 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 groups deposit available along with related details. These details include blood type, storage area and date of storage. These details help in maintaining 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. This system also helps to keep records of patient name and contacts, blood booking and even need for a certain blood group is posted on the website to find available donors for a blood emergency. Blood Bank Management System provides the Donor information system Acceptor Information system Staff information system. Donor information system deals with the organization of the voluntary data.

CLIENT REQUIREMENTS

This system helps to maintain all the required details for blood donation.

 For Donating blood the donor has to register himself using the 'new donor' button on the home page .For registration donor need to enter the details such as name,age,gender,mobile number, email and password and then click on the send us button.Then donor can login with his/her id .

For a user to search any particular blood group he has to click on the search button on the home page which allows the user to search for any particular blood group available in their city of choice and if available the user would be notified.

For requesting a blood group user has to click on the request blood button on the home page and fill a request form which details such as name,gender,age ,mobile number,email, blood group required, till date blood group is required and then click on the submit button.

Camps button on the home page helps the user to get details of all the blood donation camps held

in various cities of the country and their dates.

Contact us on the home page helps the user to interact with us. The user needs to enter his details including name, mobile number, email-id and his query.

DESIGN CONSTRAINTS

Some of the constraints could be:

Mobile

Laptop

Web Browser

Internet

Login ID & Password

DIFFERENT SCENARIOS

(1) Home Page

This project is designed for a blood bank management system. Jeevan Blood Bank is a browser-based system that is designed to store, process, retrieve and analyse 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 helping them manage in a better way.

(2) Donor Home Page

This page shows the donor panel. There are various options like changing password, updating user profile and details of blood donated previously.
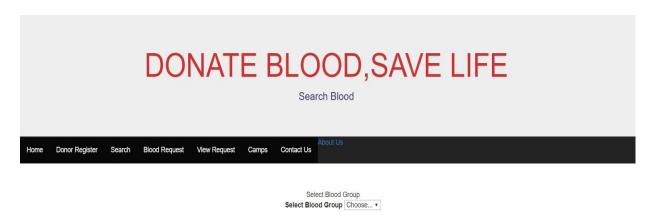
(3) New Donor Registration

The registration page includes the information of the donor who wants to register. The donor can register by clicking on the "New Donor" option. The user can register the account by filling the information about them and click on the "Send Us" button.

(4) Search Blood

This page allows the user to search for a particular blood group in their city of choice. After checking the availability of that blood group at the backend, the user will be notified.

(5) Request Blood

This page allows the user to request for a particular blood group. Here, the user has to enter his/her details like name, age, email-id, own blood group and also date till which the blood is required.

(6) Camps in the city

This page gives information to the user about the various camps that are held in various parts of the city.

(7) Contact Us

This page allows the user to interact with us. The user needs to enter his details including name, mobile number, email-id and his query.
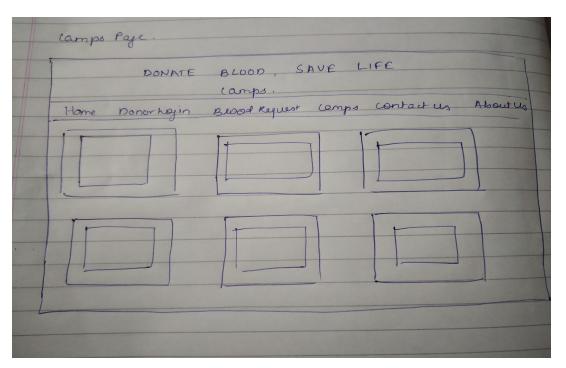
DONATE BLOOD,SAVE LIFE

Contact Us

| Home | Donor Register | Search | Blood Request | View Request | Camps | Contact Us | About Us |

Name: Enter full name

Mobile Number: Enter mobile number

Email: Enter email

Subject: Enter your query

☐ Remember me

Send Us

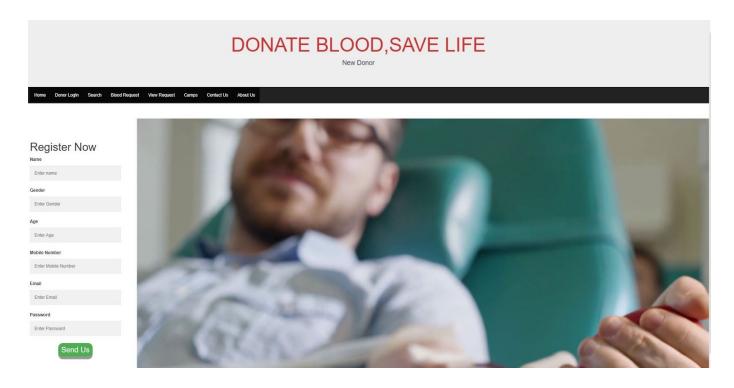# HIGH FIDELITY PROTOTYPE

Donor Registration Page

Camps Page

Contact Us Page

Contact us Page.

DONATE BLOOD, SAVE LIFE

Contact us.

Home Donor Register Search Blood Rquest Camps Contact Us

Name :

Mobile No:

Emeil :

subject :
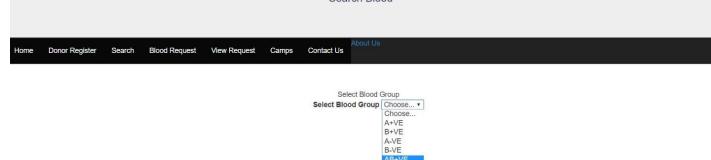
INTERACTION STYLES

Form Filling

Menus

Point and click interfaces

DESIGN ICON