“BLOOD BANK MANAGEMENT SYSTEM”

MAJOR PROJECT REPORT (KCA-451)

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW (U.P.)

FOR THE PARTIAL FULFILLMENT OF THE DEGREE OF MASTER

IN COMPUTER APPLICATION SESSION (2022-2023)

Under the Guidance of :

Dr. Pankaj Agarwal
Assistant Professor

Prof. Monika Dixit
HOD - SOIT
School of IT
IMS-Noida

Submitted by :

Amit Kr. Sharma (2100980140009)

INSTITUTE OF MANAGEMENT STUDIES, NOIDA

PROFORMA FOR APPROVAL OF MCA MAJOR PROJECT (KCA-451)

1. Roll No. :- 2100980140009
2. Name of the Student :– Amit Kumar Sharma
3. E-mail : amitkumarsharma2202@gmail.com
4. Mobile No. :- 9899087235
5. Title of the Major Project **BLOOD BANK MANAGEMENT SYSTEM**
6. Name of the Guide **Dr. Pankaj Agarwal**

For Office Use Only :

Signature of the Mentor

☐ Approved ☐ Not Approved

Date: ----------

Suggestions (if any) :-

1
2
3
4
5
6
7
8
9
10

INDEX

faACKNOWLEDGEMENT

I am very grateful to my Major project (KCA-451) **Dr. Pankaj Agarwal** , for giving his/her valuable time and constructive guidance in preparing the Major Project Report (KCA-451). It would not have been possible to work on this project without his/her kind encouragement and valuable guidance.

DATE :

SIGNATURE :

CERTIFICATE OF ORIGINALITY

I hereby declare that MCA MAJOR Project (KCA-451) titled **"BLOOD BANK MANAGEMENT SYSTEM"** submitted to IT Department, IMS Noida, which is affiliated with **DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY LUCKNOW (U.P.)** for the partial fulfillment of the degree of Master of Computer Application, in Session (2023).This has not previously formed the basis for the award of any other degree, diploma or other title from any other University.

PLACE : IMS NOIDA SECTOR-62

DATE :

SIGNATURE :

Project Definition

Blood banks collect, store and provide collected blood to the patients who are in need of blood. The people who donate blood are called ‘donor’. The banks then group the blood which they receive according to the blood groups. They also make sure that the blood is not contaminated. The main mission of the blood bank is to provide the blood to the hospitals and health care systems which saves the patient’s life. No hospital can maintain the health care system without pure and adequate blood.

The major concern each blood bank has is to monitor the quality of the blood and monitor the people who donates the blood, that is ‘donor’. But this a tough job. The existing system will not satisfy the need of maintaining quality blood and keep track of donors. To overcome all these limitations, we introduced a new system called ‘Blood Donation Management System’.

The ‘Blood Bank Management System’ allows us to keep track of quality of blood and also keeps track of available blood when requested by the acceptor. The existing systems are Manual systems which are time consuming and not so effective. ‘Blood Bank Management system’ automates the distribution of blood. This database consists of thousands of records of each blood bank.

Blood is essential element of life, we need to donate blood to help peoples. Here presenting the Blood Bank Management System Project. This project idealized the blood bank database. The database of Blood Bank Management System Project will store the information of people who are willing to donate their blood.

By using this system searching the available blood becomes easy and saves lot of time than the manual system. It will hoard, operate, recover and analyze information concerned with the administrative and inventory management within a blood bank. This system is developed in a manner that it is manageable, time effective, cost effective, flexible and much man power is not required.

Through this system it will be easier to find a donor for exact blood type and easy to build the connection between donor & the blood bank authorities. The main intend of building this software is to formal the procedure of blood donation & motivate donors in order to donation blood. We have tried to maintain all that information of donor which is easily understandable to the doctors which makes them easy to find the donor.

Objectives

The main objective of the Project on Blood Bank Management System is to manage the details of Blood Bank, Blood Group, Donor, Blood Stock. It manages all the information about Blood Bank, Record, Blood Bank.

The goal of the project is to develop and implement for blood banks to manage information about their donors and blood stock. The main objectives of this website development can be defined as follows:

- To develop a system that provides functions to support donors to view and manage their information conveniently.
- To maintain records of blood donors, blood donation information and blood stocks in a centralized database system.
- To support searching, matching and requesting for blood convenient for the right person.
- We aim to bridge the gap between blood donors and requestors. We'll be displaying the donor.
- To provide immediate retrieval of data and information.

Project Description

This project is aimed to developing an online Blood Bank Management System. The entire project has been developed keeping in view of the distributed client server computing technology, in mind. The Blood Locator Agent is to create an e-Information about the donor and recipient that are related to donating the blood. Through this website any person who is interested in donating the blood can register. Moreover if any general consumer wants to make request blood online he can also take the help of this site. Admin is the main authority who can do addition, deletion, and modification if required. The project has been planned to be having the view of distributed architecture, with centralized storage of the database. The application for the storage of the data has been planned. Using the constructs of MY-SQL Server and all the user interfaces have been designed using the PHP technologies. The database connectivity is planned using the “SQL Connection” methodology.

The proposed of Blood Bank Management System website 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.

They don’t need to go anywhere to search the blood when they need. They just need to use this website then all the result will appear in just a second.

Our life is so busy so we don’t have time to spend going here and there, we can use technical way to search the blood by using the Blood Bank website we can find thousands of people who are donating the blood and also get the detail the of that person that in which city he belongs to and what is the Blood group of that person.

Existing System

Generally the overall activities of existing system the donor goes to the blood bank and reach to the receptionist nurse then nurse ask some questions about her/his willingness and motivate to full fill questioners. Then the donor goes to Nurse to donate blood, while nurse test about his/her healthiness (i.e. weight, blood pressure etc.), donor gets counseling and refreshment. If the donor healthy the nurse receive blood. After donation the donor, get some advice. The nurse transferred blood to the laboratory class to check by the lab technician about his/her blood type (A, B, AB, O etc.), blood purity (hepatitis A, B, HIV and syphilis).if the blood is pure stored in stock otherwise discarded. If the donor wants to know about his/her blood, profile gets from lab technician. Then the lab technician transfer donor's profile report to data encoder. When the client hospital (seeker) wants blood, they get blood from lab technicians. Based on the analysis investigated so far, the problems of the existing systems are stated.

Problem Found In Existing System

- At the present there is no software to keep any records in blood bank.
- It becomes difficult to provide any record immediately at times of emergency.
- Required more human efforts in maintaining the branch related information.
- Manually to keep the accounts is also tedious & risky job & to maintain those accounts in ledgers for a long period is also very difficult.
- Difficult to manage and maintain the files.
- Chance of damage of files, if the data is stored in the files for duration of time.
- Privacy is difficult.
- Time consuming in retiring, storing and updating the data.
- It is difficult to keep track the record about the donor & receiver he has donated or received the blood at the last time.
- Attendance is taken manually.
- It need upgradation.

Problem Statements

In the current system documenting, writing, finding and searching of the specific information of the blood bank is done manually. Recipient cannot manage the blood bank efficiently starting from the donor registration, blood screening, processing, and storage and distribution information. Moreover, there are manual recording systems so that each process or workflow cannot be traced from the database. The current system cannot shows the expired date of blood, difficult for making comments about blood bank services, it becomes tedious for a seeker to search blood in case of emergency, and it is difficult to know availability of blood in stock. These types of system make the workers to document erroneous and redundancy information. The current system is also consumed the time of worker for completing specific task. The need to improve performance and the urgency to solve the above stated problems contribute to undertake this project into consideration.

- At present, the public can only know about the blood donation events through conventional media means such as radio, newspaper or television advertisements.
- There is no information regarding the blood donation programs available on any of the portal.
- The current system that is using by the blood bank is manual system. With the manual system, there are problems in managing the donors' records.
- The records of the donor might not be kept safely and there might be missing of donor's records due to human error or disasters.

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. 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. 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 lifesaving.

Advantages:

1. The human beings in want of blood can look for the donors through giving their blood institution.

2. Easy and Helpful.

3. Reduce the Time spend on the paper work.

Future Scope of the Project

Blood bank management system has much functionality. However, this project only focusses on the information handling activities related to blood donors and blood distribution, managing the collected blood information is as well as how to distribute blood from the blood bank to different Clients such as hospitals.

The scope of proposed system will focus on the following main tasks

- The system used to register, update, view and block users
- Retrieve general report.
- Shows accessibilities and availabilities of blood inside the stock by their blood group.
- Handling information with related to blood donors, seekers and distribution information.
- Managing the collected blood data and distribute blood from the blood Bank to different place such as client hospital and other health centers.
- Store screened blood information and discard expired blood.
- We will host the platform on online servers to make it accessible worldwide.
- Integrate multiple load balancers to distribute the loads of the system
- The person can fix their donation schedule using online reservation for donation of blood.
- The person can search for availability of required blood in the local blood bank in the case of emergency.
- The blood bank to store the details of the blood donated by person, like RBC, WBC, platelet count etc.

The above mentioned points are the enhancements which can be done to increase the applicability and usage of this project. Here we can maintain the records of Blood Bank and Blood Group. Also, as it can be seen that now-a-days the players are versatile, i.e. so there is a scope for introducing a method to maintain the Blood Bank Management System. Enhancements can be done to maintain all the Blood Bank, Blood Group, Donor, Blood Stock, Blood Cell.

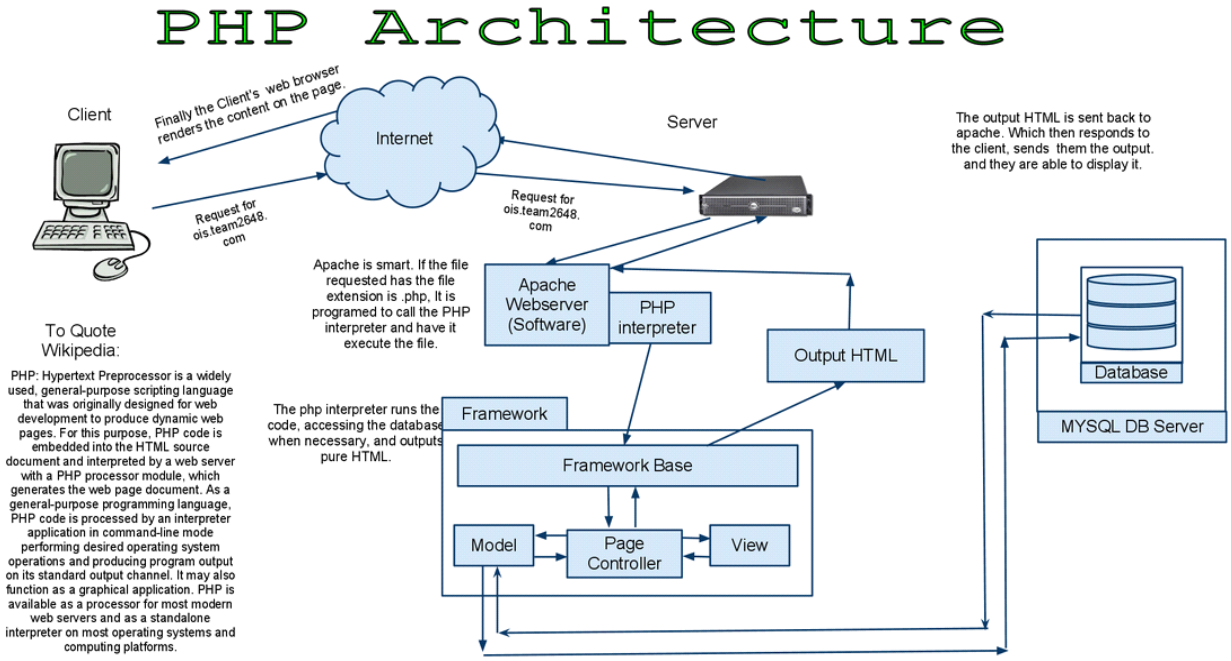
Tools & Technology Used:

1. PHP: -

PHP is now officially known as "**PHP: Hypertext Preprocessor**". It is a server-side scripting language usually written in an HTML context. Unlike an ordinary HTML page, a PHP script is not sent directly to a client by the server; instead, it is parsed by the PHP binary or module, which is server-side installed. HTML elements in the script are left alone, but PHP code is interpreted and executed. PHP code in a script can query databases, create images, read and write files, talk to remote servers – the possibilities is endless. The output from PHP code is combined with the HTML in the script and the result sent to the user's web-browser, therefore it can never tell the user whether the web-server uses PHP or not, because the entire browser sees is HTML.

PHP's support for Apache and MySQL further increases its popularity. Apache is now the most-used web-server in the world, and PHP can be compiled as an Apache module. MySQL is a powerful free SQL database, and PHP provides a comprehensive set of functions for working with it. The combination of Apache, MySQL and PHP is all but unbeatable.

That doesn't mean that PHP cannot work in other environments or with other tools. In fact, PHP supports an extensive list of databases and web-servers. While in the mid-1990s it was ok to build sites, even relatively large sites, with hundreds of individual hard-coded HTML pages, today's webmasters are making the most of the power of databases to manage their content more effectively and to personalize their sites according to individual user preferences.



Reasons for using PHP

There are some indisputable great reasons to work with PHP. As an open source product, PHP is well supported by a talented production team and a committed user community. Furthermore, PHP can be run on all the major operating systems with most servers.

a) Learning PHP is easy

Basic is easy any interpreted language should be easy to learn. Since you are isolated from the system (no pointers to use, no memory to allocate). The other advantage that all modern interpreted languages share is good associative array constructs.

b) Its Performance

While we can build an application that serves millions of pages a day on a server, when we really look at the performance of the language it sucks. We are still orders of magnitude from real performance. Not only that, but since PHP is designed around a single process model our ability to share data structures or connection pool resources is left to native code libraries.

- **The low cost**

d) It's Open Source, We can modify it

We can modify it if you need a hole in your head! Technically the point is that it's an open source project and they release patches often. You're point is that the community is actively working out the bugs. So, what any active language is doing this...
Unfortunately C, C++ and Perl have all "died" at this point and will pretty much remain static at their current functionality.

Its Portability

C is portable; it's just the OS bits that aren't. A lot PHP isn't portable to Windows since people don't use the OS abstractions to avoid some problems.

It has interfaces to a large variety of database systems

PHP supports a large variety of the database.

Support available

Online Support is available for using PHP.

e) PHP Syntax

You cannot view the PHP source code by selecting "View source" in the browser – you will only see the output from the PHP file, which is plain HTML. This is because the scripts are executed on the server before the result is sent back to the browser.

Basic PHP Syntax

A PHP scripting block always starts with <?php and ends with ?>.
A PHP scripting block can be placed anywhere in the document.
On servers with shorthand support enabled you can start a scripting block with <? And end with ?>.
However, for maximum compatibility, we recommend that you use the standard form (<?php) rather than the shorthand form.
A PHP file normally contains HTML tags, just like an HTML file, and some PHP scripting code.

2. HTML

HTML or **Hyper Text Markup Language** is the standard markup language used to create web pages.
HTML was created in 1991 by Tim Berners-Lee at CERN in Switzerland. It was designed to allow scientists to display and share their research.
HTML is written in the form of HTML elements consisting of *tags* enclosed in angle brackets(like <html>). HTML tags most commonly come in pairs like <h1> and </h1>, although some tags represent *empty elements* and so are unpaired, for example <img>. The first tag in a pair is the *start tag*, and the second tag is the *end tag* (they are also called *opening tags* and *closing tags*).
The purpose of a web browser is to read HTML documents and compose them into visible or audible web pages. The browser does not display the HTML tags, but uses the tags to interpret the content of the page. HTML describes the structure of a website semantically along with cues for presentation, making it a markup language rather than a programming language.
HTML elements form the building blocks of all websites. HTML allows images and objects to be embedded and can be used to create interactive forms. It provides a means to create structured documents by denoting structural semantics for text such as headings, paragraphs, lists, links, quotes and other items. It can embed scripts written in languages such as Java Script which affect the behavior of HTML web pages.
HTML is descriptive markup language. Library of various markup languages is defined in various browsers.

a) HTML Images - The <img> Tag and the Src Attribute

In HTML, images are defined with the <img> tag.
The <img> tag is empty, which means that it contains attributes only, and has no closing tag.
To display an image on a page, you need to use the src attribute. Src stands for "source". The value of the src attribute is the URL of the image you want to display.

Syntax for defining an image :

<imgsrc="*url*" alt="*some_text*">

b) HTML FORMS

HTML forms are used to pass data to a server.
An HTML form can contain input elements like text fields, checkboxes, radio-buttons, submit buttons and more. A form can also contain select lists, textarea, fieldset, legend, and label elements.

c) Image tag (<img>) :

To add an image to an HTML document, we just need to include an <IMG> tag with a reference to the desired image. The <IMG> tag is an empty element i.e. it doesn't require a closing tag and we can use it to include from small icons to large images.

Syntax: <imgsrc="URL" alt="alternative text">

d) HTML Lists :

An ordered list: • The first list item • The second list item • The third list item	An unordered list: • List item • List item • List item

3. CSS

CSS tutorial or CSS 3 tutorial provides basic and advanced concepts of CSS technology. Our CSS tutorial is developed for beginners and professionals. The major points of CSS are given below:

- CSS stands for Cascading Style Sheet.
- CSS is used to design HTML tags.
- CSS is a widely used language on the web.
- HTML, CSS and JavaScript are used for web designing. It helps the web designers to apply style on HTML tags.

Cascading Style Sheets (**CSS**) is a style sheet language used for describing the look and formatting of a document written in a markup language. While most often used to style web pages and user interfaces written in HTML and XHTML, the language can be applied to any kind of XML document, including plain XML, SVG and XUL. CSS is a cornerstone specification of the web and almost all web pages use CSS style sheets to describe their presentation.

CSS is designed primarily to enable the separation of document content from document presentation, including elements such as the layout, colors, and fonts. This separation can improve content accessibility, provide more flexibility and control in the specification of presentation characteristics, enable multiple pages to share formatting, and reduce complexity and repetition in the structural content (such as by allowing for table less web design).

CSS can also allow the same markup page to be presented in different styles for different rendering methods, such as on-screen, in print, by voice (when read out by a speech-based browser or screen reader) and on Braille-based, tactile devices. It can also be used to allow the web page to display differently depending on the screen size or device on which it is being viewed. While the author of a document typically links that document to a CSS file, readers can use a different style sheet, perhaps one on their own computer, to override the one the author has specified.

With plain HTML you define the colors and sizes of text and tables throughout your pages. If you want to change a certain element you will therefore have to work your way through the document and change it. With CSS you define the colors and sizes in "styles". Then as you write your documents you refer to the styles. Therefore: if you change a certain style it will change the look of your entire site. Another big advantage is that CSS offers much more detailed attributes than plain HTML for defining the look and feel of your site.

4. JAVASCRIPT

JavaScript (**JS**) is a dynamic computer programming language. It is most commonly used as part of web browsers, whose implementations allow client-side scripts to interact with the user, control the browser, communicate asynchronously, and alter the document content that is displayed. It is also being used in server-side network programming (with Node.js), game development and the creation of desktop and mobile applications.

JavaScript is a prototype-based scripting language with dynamic typing and has first-class functions. Its syntax was influenced by C. JavaScript copies many names and naming conventions from Java, but the two languages are otherwise unrelated and have very different semantics. The key design principles within JavaScript are taken from the Self and Scheme programming languages. It is a multi-paradigm language, supporting object-oriented, imperative, and functional programming styles.

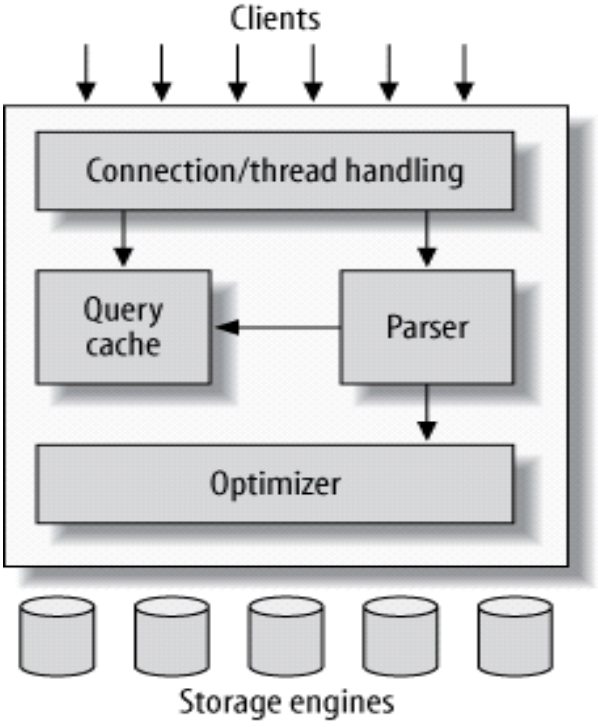
The application of JavaScript in use outside of web pages—for example, in PDF documents, site-specific browsers, and desktop widgets—is also significant.

Newer and faster JavaScript VMs and platforms built upon them (notably Node.js) have also increased the popularity of JavaScript for server-side web applications. On the client side, JavaScript was traditionally implemented as an interpreted language but just-in-time compilation is now performed by recent (post-2012) browsers.
JavaScript was formalized in the ECMA Script language standard and is primarily used as part of a web browser (client-side JavaScript). This enables programmatic access to objects within a host environment.
JavaScript is the most popular programming language in the world.
It is the language for HTML, for the Web, for computers, servers, laptops, tablets, smart phones, and more.
You can use JavaScript to:

a) Change HTML elements
- Delete HTML elements
- Create new HTML elements
- Copy and clone HTML elements

My Sql :

The database has become an integral part of almost every human's life. Without it, many things we do would become very tedious, perhaps impossible tasks. Banks, universities, and libraries are three examples of organizations that depend heavily on some sort of database system. On the Internet, search engines, online shopping, and even the website naming convention would be impossible without the use of a database. A database that is implemented and interfaced on a computer is often termed a database server.



One of the fastest SQL (Structured Query Language) database servers currently on the market is the MySQL server, developed by T.c.X. DataKonsultAB. MySQL, available for download at www.mysql.com, offers the database programmer with an array of options and capabilities rarely seen in other database servers. MySQL is free of charge for those wishing to use it for private and commercial use. Those wishing to develop applications specifically using MySQL should consult MySQL's licensing section, as there is charge for licensing the product.

Reasons to Use MySQL

a) Scalability and Flexibility

The MySQL database server provides the ultimate in scalability, sporting the capacity to handle deeply embedded applications with a footprint of only 1MB to running massive data warehouses holding terabytes of information. Platform flexibility is a stalwart feature of MySQL with all flavors of Linux, UNIX, and Windows being supported.

b) High Performance

A unique storage-engine architecture allows database professionals to configure the MySQL database server specifically for particular applications, with the end result being amazing performance results.

C) High Availability

Rock-solid reliability and constant availability are hallmarks of MySQL, with customers relying on MySQL to guarantee around-the-clock uptime. MySQL offers a variety of high-availability options from high-speed master/slave replication configurations, to specialized Cluster servers offering instant failover, to third party vendors offering unique high-availability solutions for the MySQL database server.

d) Robust Transactional Support

MySQL offers one of the most powerful transactional database engines on the market. Features include complete ACID (atomic, consistent, isolated, durable) transaction support, unlimited row-level locking, distributed transaction capability, and multi-version transaction support where readers never block writers and vice-versa.

e) Web and Data Warehouse Strengths

MySQL is the de-facto standard for high-traffic web sites because of its high-performance query engine, tremendously fast data inserts capability, and strong support for specialized web functions like fast full text searches.

f) Strong Data Protection

Because guarding the data assets of corporations is the number one job of database professionals, MySQL offers exceptional security features that ensure absolute data protection. In terms of database authentication, MySQL provides powerful mechanisms for ensuring only authorized users have entry to the database server, with the ability to block users down to the client machine level being possible.

g) Management Ease

MySQL offers exceptional quick-start capability with the average time from software download to installation completion being less than fifteen minutes. This rule holds true whether the platform is Microsoft Windows, Linux, Macintosh, or UNIX.

PHP Main Features of MySQL

- Tested with a broad range of different compilers.
- Works on many different platforms.
- The MySQL Server design is multi-layered with independent modules.
- Fully multi-threaded using kernel threads. It can easily use multiple CPUs if they are available.
- Provides transactional and non-transactional storage engines.
- Uses very fast B-tree disk tables with index compression.
- Relatively easy to add other storage engines. This is useful if you want to provide an SQL interface for an in-house database.
- A very fast thread-based memory allocation system.
- Very fast joins using an optimized one-sweep multi-join.
- In-memory hash tables, which are used as temporary tables.
- SQL functions are implemented using a highly optimized class library and should be as fast as possible. Usually there is no memory allocation at all after query initialization.
- The server is available as a separate program for use in a client/server networked environment.

Methodology

1. Project Identification and Selection

In this project, we aimed to develop an online blood bank management system which will focus mainly on managing the donor's blood information. Anyone who is interested in blood donation can donate the blood at the hospital or blood donation centers.

2. Project Initiation and Planning

To begin the project, we have gather user requirement of this system and prepare the scope and objective. The results from this phase are scope and limitation, objectives, cost and benefits, feature of the proposed system and user interface design.

3. Analyzing System needs

We have studied and identified problems of existing system, then we develop data flow diagram for the existing system. We also develop data flow diagram (DFD) and entity relation diagram (E-R diagram) for the proposed system.

4. Designing the Proposed System

Based on the analysis phase, we converted E-R diagram into relational database model and created data dictionary and DFD and user interface are designed in this process.

5. Development of the Proposed System

In this phase, we are going to convert the design of proposed system to computer software, which includes computer programming using phpMyAdmin as a software tool written in PHP, which is intended to handle the administration of MySQL, and translating the design specifications into the computer code.

6. Testing the Proposed System

This step is the process of testing whether the programming code will work correctly with the conditions in our system or not. In this phase, we will fix bugs in order to produce a system with maximum performance.

7. Implementing the Proposed System

We wish to launch this system on the internet, so that donors are able to view their blood donation records online and administrators can create, update, delete, and query records conveniently.

Feasibility Study

After doing the project Blood Bank Management System, study and analyzing all the existing or required functionalities of the system, the next task is to do the feasibility study for the project. All projects are feasible - given unlimited resources and infinite time.

Feasibility study is an important phase in the software development process. It enables the developer to have an assessment of the product being developed. It refers to the feasibility study of the product in terms of outcomes of the product, operational use and technical support required for implementing it.

A. Economic Feasibility

This is a very important aspect to be considered while developing a project. We decided the technology based on minimum possible cost factor.

- All hardware and software cost has to be borne by the organization.
- Overall we have estimated that the benefits the organization is going to receive from the proposed system will surely overcome the initial costs and the later on running cost for system.

B. Technical Feasibility

Our site is developing using HTML, CSS & JavaScript and for backend PHP & MySQL and for hosting XAMPP is used which is supported by all of the systems and all the latest browsers so as all required software and hardware are available in the market so it is technically feasible.

C. Operational Feasibility

No doubt the proposed system is fully GUI based that is very user friendly and all inputs to be taken all self-explanatory even to a layman. Besides, a proper training has been conducted to let know the essence of the system to the users so that they feel comfortable with new system.

It is easy to use and also in the time of emergency our website will save a lot of time to fetch a donor for the patience.

System Analysis

System analysis is a process of gathering and interpreting facts, diagnosing problems and the information about the Blood Bank Management System to recommend improvements on the system. It is a problem solving activity that requires intensive communication between the system users and system developers. System analysis or study is an important phase of any system development process. The system is studied to the minutest detail and analyzed. The system analyst plays the role of the interrogator and dwells deep into the working of the present system. The system is viewed as a whole and the input to the system are identified. The outputs from the organizations are traced to the various processes. System analysis is concerned with becoming aware of the problem, identifying the relevant and decisional variables, analyzing and synthesizing the various factors and determining an optimal or at least a satisfactory solution or program of action. A detailed study of the process must be made by various techniques like interviews, questionnaires etc. The data collected by these sources must be scrutinized to arrive to a conclusion. The conclusion is an understanding of how the system functions. This system is called the existing system. Now the existing system is subjected to close study and problem areas are identified. The designer now functions as a problem solver and tries to sort out the difficulties that the enterprise faces. The solutions are given as proposals. The proposal is then weighed with the existing system analytically and the best one is selected. The proposal is presented to the user for an endorsement by the user. The proposal is reviewed on user request and suitable changes are made. This is loop that ends as soon as the user is satisfied with proposal. Preliminary study is the process of gathering and interpreting facts, using the information for further studies on the system. Preliminary study is problem solving activity that requires intensive communication between the system users and system developers. It does various feasibility studies. In these studies a rough figure of the system activities can be obtained, from which the decision about the strategies to be followed for effective system study and analysis can be taken.

Module Description

Blood Bank Management System is a website based on PHP. The purpose of this project was to develop a blood bank management system to assist in the management of blood donor records and ease or control the distribution of blood in various part of city basing on the hospitals demand. This project includes mainly two modules i.e. login and main page.

Login -

1. Admin Module

Admin can manage both donors and acceptors. Each member donor and acceptor is given a user id and password, which identifies him uniquely.

- **Dashboard:** In this section, admin can view all the details in brief like total blood group listed, registered donor list, and total enquiries received.
- **Blood Group:** In this section, admin can manage blood group (Add/ Delete).
- **Donor List:** In this section, admin can view a list of donors.
- **Manage Contact us Query:** In this section, admin can manage query which is received by users.
- **Request Received by Donor:** In this section, admin can view the request of blood that is received by the donor.

2. User Module

This module user can create their account, when user create his account the user get a user id and password which identifies him uniquely. "Donor can also get information like when he donated blood or when he will be able to donate blood.

- **Home:** It is welcome page for users and donor. If any users want to donate the blood they must register with us.
- **About Us:** Users can view the about us page.
- **Donor List:** Users can view and contact donors.
- **Search Donor:** Users can search the donor according to city and blood group.

3. Donor Registration

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

4. Acceptors

This module helps user to find blood group. Then user click on find a blood group system ask him to enter blood group he want to search. After entering the blood group, system search for the availability of the blood group a give him the list of the donors who has the same blood group. Clicking on logout button user can log out from the system.

- ✓ **Find a Donor**
- ✓ **Find Blood Group**
- ✓ **Logout**

5. Logout: User can redirect to login page.

6. Contact Information – For the contact us, you will be able to see their address, phone number and email address.

7. Blood Letting Information – For the about us, you will be able see the features and objectives of blood bank management system.

HARDWARE AND SOFTWARE REQUIREMENT.

❖ Hardware Requirement :

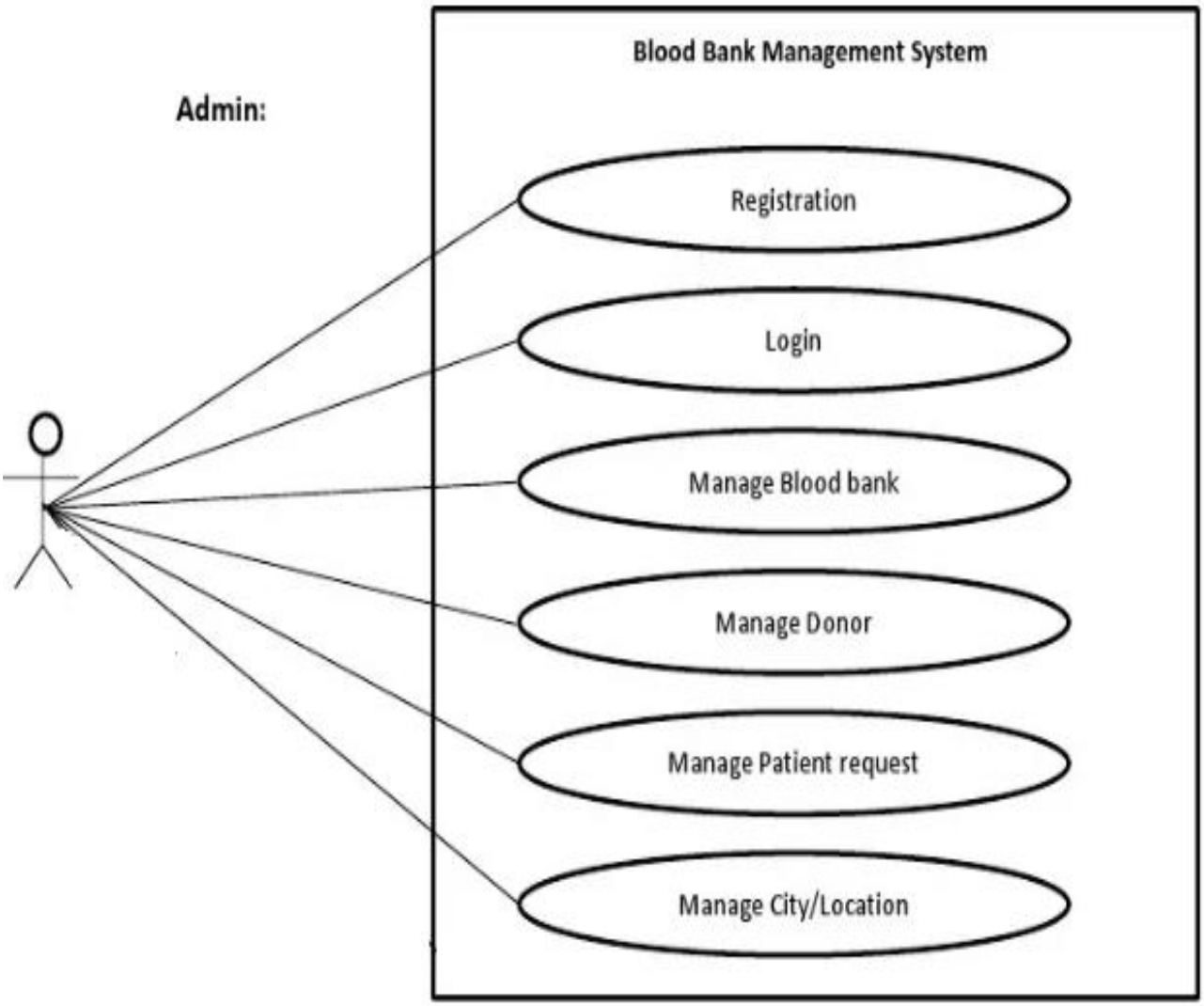
- Processor : Intel core i3
- RAM : 4 GB or Above
- Hard Drive : 500 GB or Above
- 64 bit Operating System

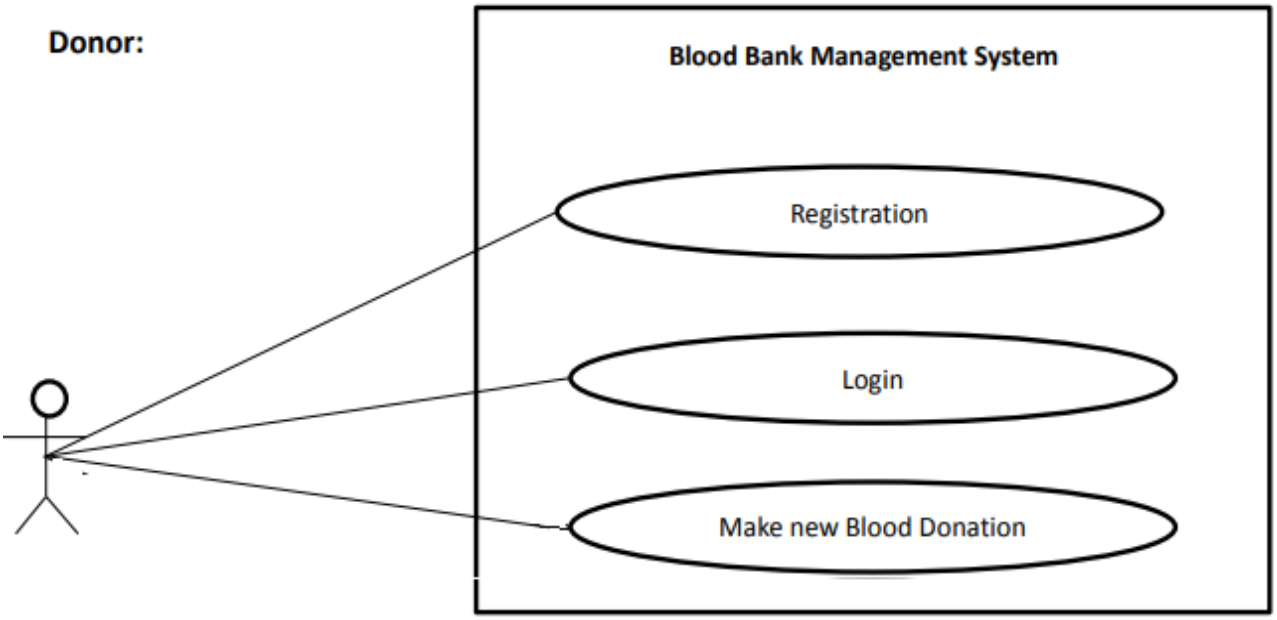
❖ Software Requirement :

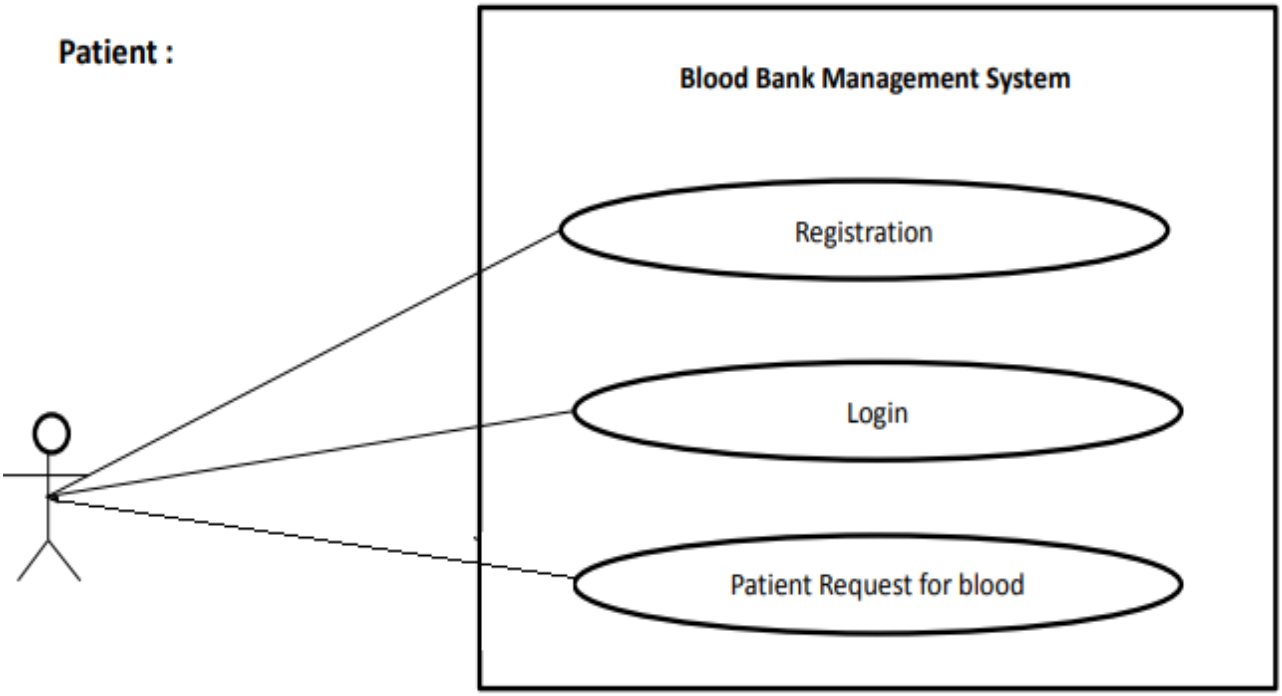
- Operating System: Window 7 or above.
- Languages: HTML, CSS, JS, PHP.
- Database : MySQL
- Server : XAMPP enabled with Apache and MySQL
- Browser: Chrome.
- Text Editor: Sublime Text / VS Code etc.

Use Case

Blood Bank Management System Use Case Diagram - is a visual representation of how users will interact with blood bank system. It depicts the system's numerous use cases and different sorts of users. The circles or ellipses are used to depict the use cases.




Donor:
Blood Bank Management System
Registration
Login
Make new Blood Donation


Patient :
Blood Bank Management System
Registration
Login
Patient Request for blood

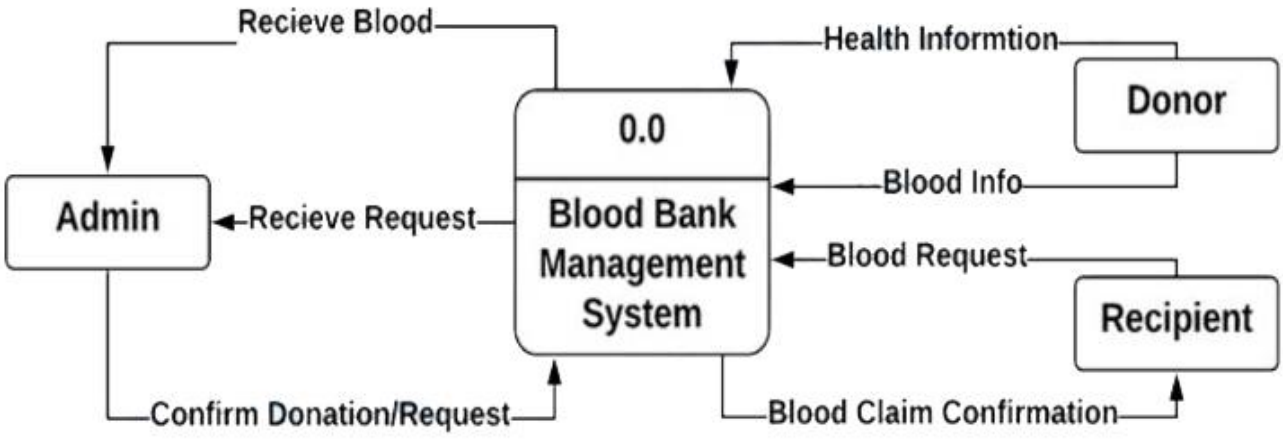
Dataflow Diagram

A data-flow diagram (DFD) is a graphical representation of the "flow" of data through an DFDs can also be used for the of processing (structured design). A data flow diagram (DFD) is a significant modeling technique for analyzing and constructing information processes. DFD literally means an illustration that explains the course or movement of information in a process. DFD illustrates this flow of Information in a process based on the inputs and outputs. A DFD can be referred to as a Process Model. The data flow diagram is a graphical description of a system's data and how to Process transform the data is known as Data Flow Diagram (DFD). Unlike details flow chart, DFDs don't supply detail descriptions of modules that graphically describe a system's data and how the data interact with the system.

Blood Bank Management System DFD Level 0

The Blood Bank Management System DFD level 0 is also known as context diagram. It's supposed to be an abstract view, with the mechanism represented as a single process with external parties.

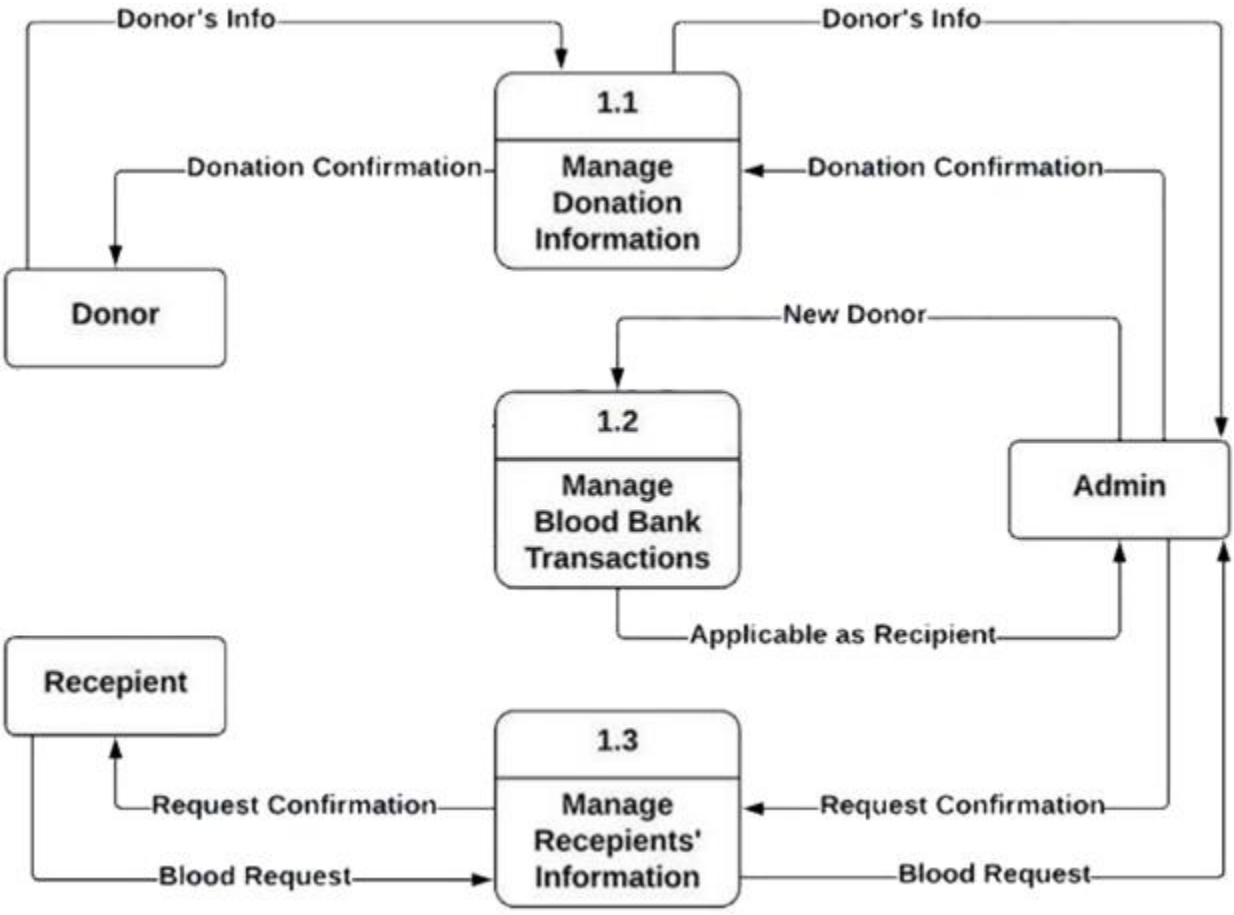
This DFD for the Blood Bank Management System depicts the overall structure as a single bubble. It comes with incoming/outgoing indicators showing input and output data.



In this data flow diagram, you will see the general process done in Blood Bank Management System monitoring. This will also serve as a guide as you go through the deeper processes of the Blood Bank Management System data flow diagrams.

Blood Bank Management System DFD Level 1

The content of Blood Bank Management System DFD level 1 must be single process node from the context diagram and is broken down into sub processes.



In this level, the system must display or reveal further processing information.

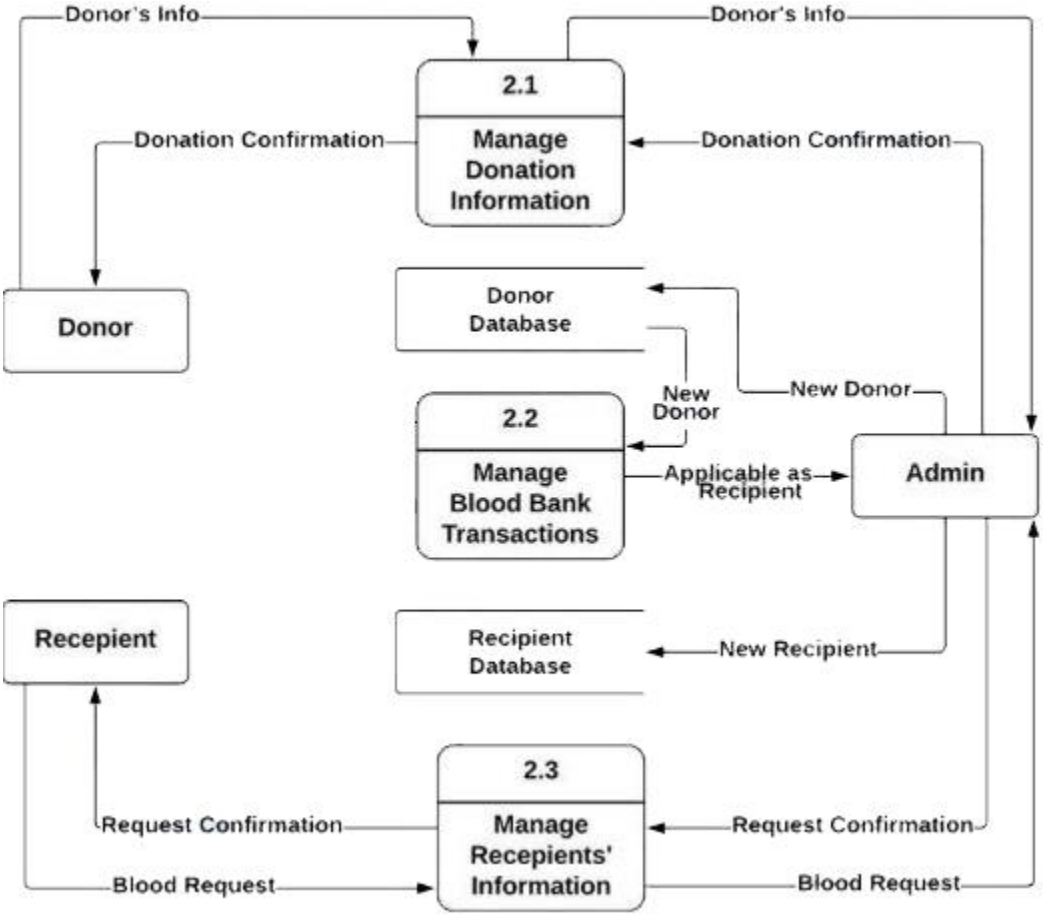
The following are essential data to accommodate:

- Blood Bank Records
- Donors Records
- Donation Request
- Donors Information

These procedures require information such as record of donors, donations, transactions and blood bank from which served as the bases for the bloodletting or blood bank admin to manage the Blood Bank Management System. This type of data is represented by a data store.

Blood Bank Management System DFD Level 2

• The Level 2 DFD for the system should represent the basic modules as well as data flow between them.
• Since the DFD level 2 is the highest abstraction level, its Blood Bank Management System processes must be detailed that is based on the DFD level 1.



Finally, after figuring the processes given in the system, the user will now have their request being processed.

The Processes that the system should prioritize are as follows:
• Manage Donors' Information
• Manage Blood Donation Information

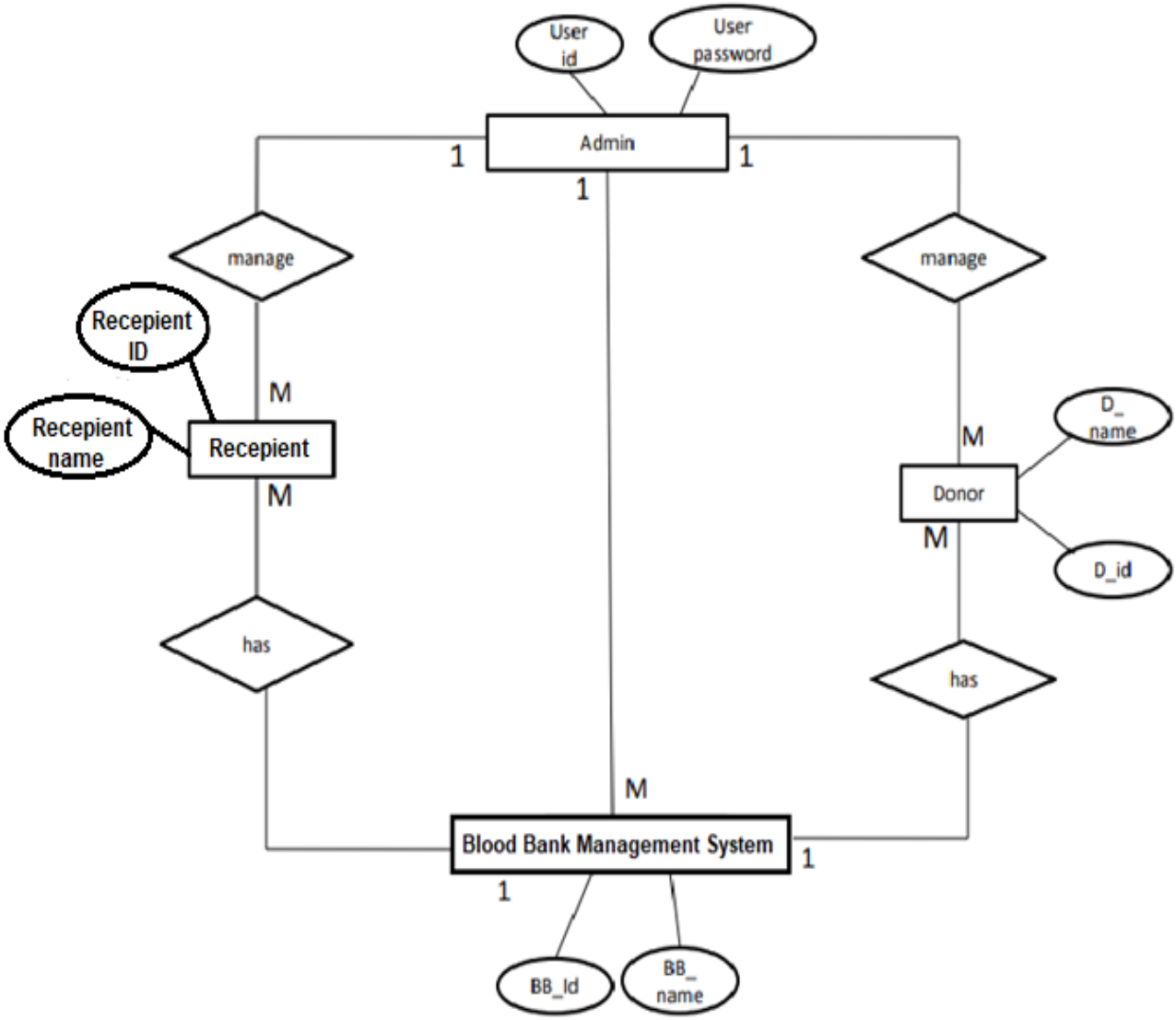
DFD level 2 lets you know the ideas on where does the data inputs goes and inputs comes within the Blood Bank Management System. Considering the dataflow levels mentioned above, you can determine the importance of breaking the processes into more specific manner.
The presented level not only shows you the detailed processes of system, but also gives you precise destination of the data that flows in the system.

E – R Diagram

Entity Relationship Diagram: E-R Model is a popular high level conceptual data model. This model and its variations are frequently used for the conceptual design of database application and many database design tools employ its concept.

A database that to an E-R diagram can be represented by a collection of tables in the relational system.

This Blood Bank Management system database was made based on blood bank Management requirements. The system can encode donors and recipients information. The admin can have access to the donor status and recipient information. They can handle the data needed in managing blood donation information as well as the request made by the possible recipients.



Data Dictionary

This is normally represented as the data about data. It is also termed as metadata some times which gives the data about the data stored in the database. It defines each data term encountered during the analysis and design of a new system. Data elements can describe files or the processes.

Register Table:

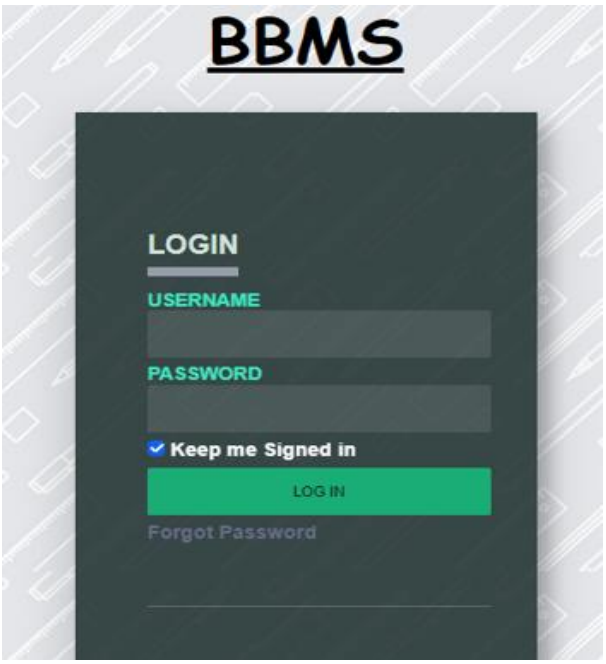
Description: Used to Register the donor information and helpful for the people in need of blood to get details regarding the person with matching blood group and city.

Field Name	Field Type	Field Length
Name	Varchar2	20
Address	Varchar2	30
City	Varchar2	20
Sex	Varchar2	6
Weight	Number	5,3
Dob	Date	
Bloodgrp	Varchar2	10
Tel-phone	Number	14
Tel-r	Number	14
Mobile	Number	14
Email	Varchar2	30
Lname	Varchar2	20
Pass	Varchar2	15

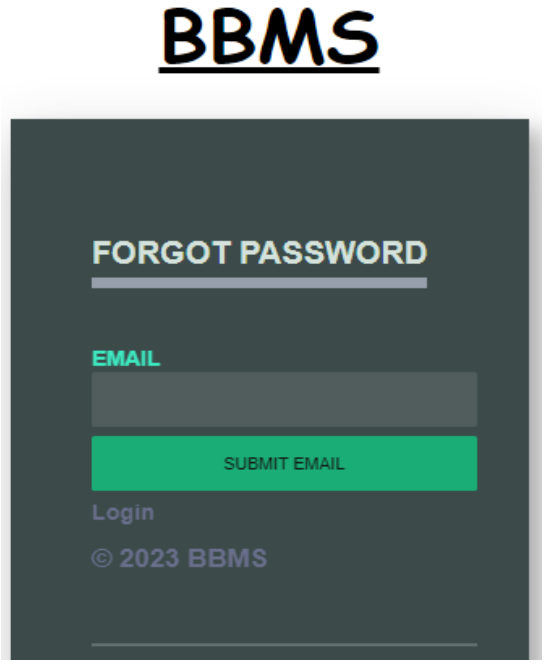
Screenshot of The Project Blood Bank Management System

Home

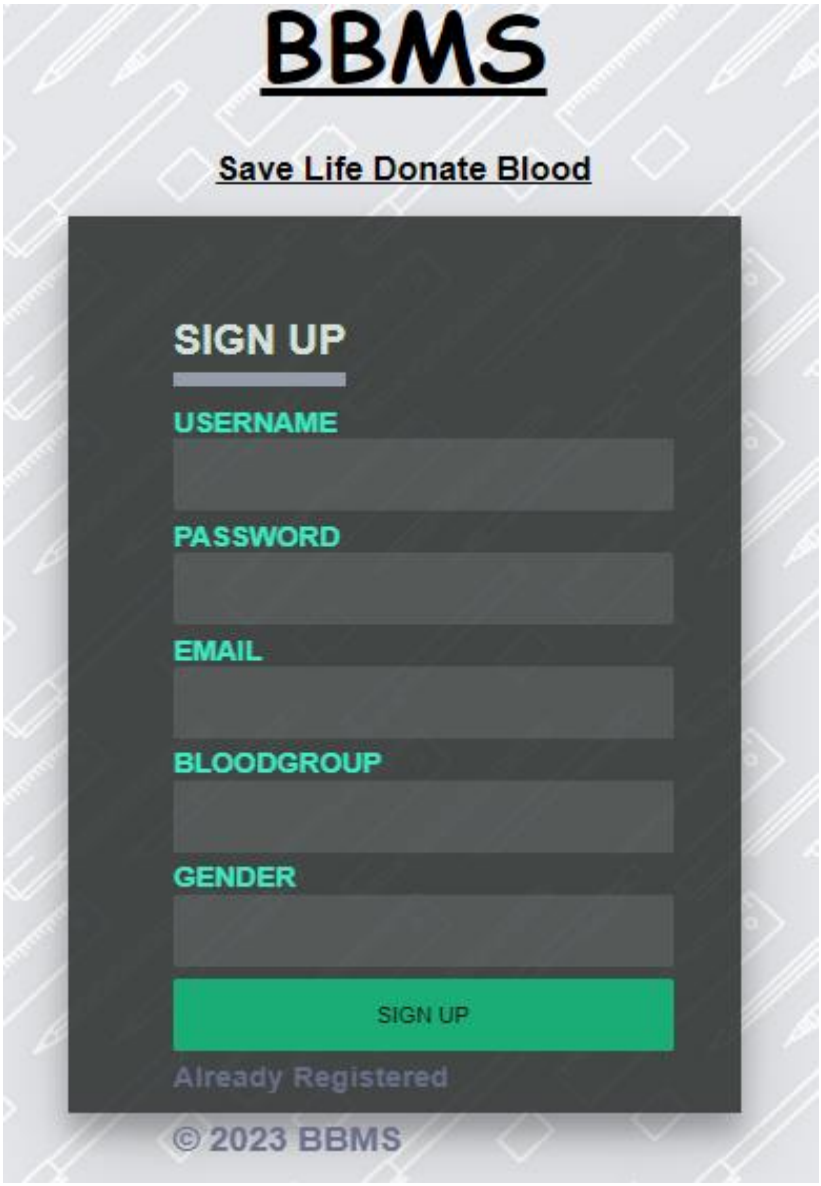
Login



Forgot Password



Sign Up

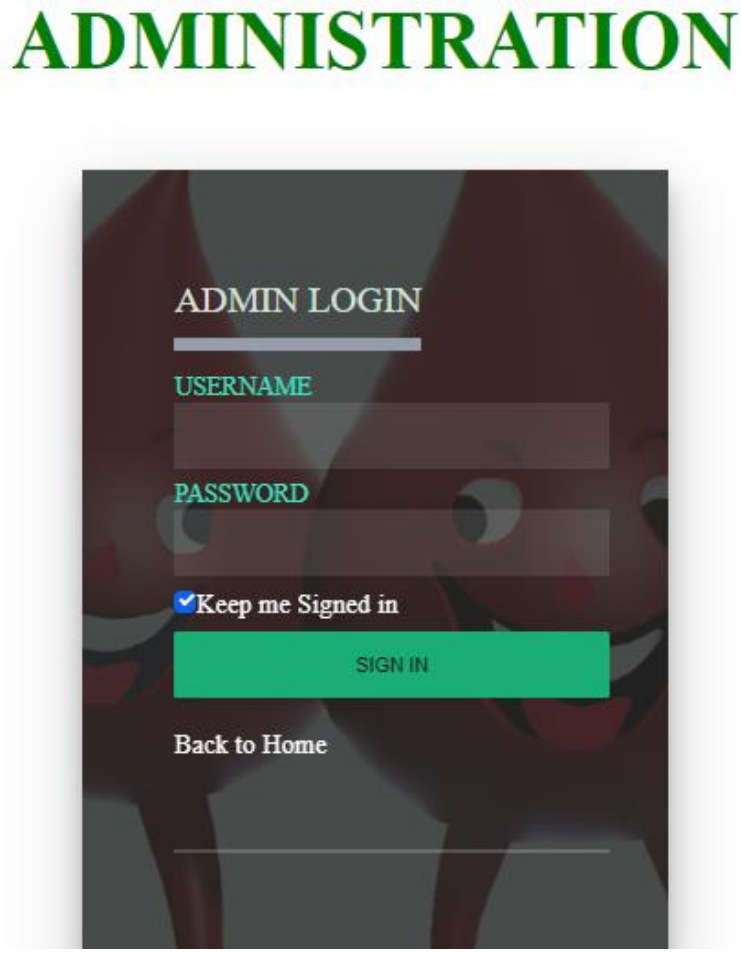


Blood Bank and Donar Management

You have Successfully register with us

Click here To login to your account

Admin Login



Admin Home

Blood is universally recognized as the most precious elements that sustain life. It saves innumerable lives across the world in a variety of condition. The need of blood is great- on any given day, approximately 39,000 units of Red blood cells are needed. More than 29 million units of blood component are transfused every year. Donate Blood Despite the increase in the number of donors, blood remains in short supply during emergencies, mainly attributed to lack of information and accessibility. We positively belive this tool can overcome most of these challenges by effectively connecting the blood donors with blood recipients.

Users Logged In Details

List of Users who Logged In and their Details

user	useremail	bloodgroup
abz	abz@gmail.com	O+

user	useremail	bloodgroup
Dev	Dev10@gmail.com	AB

user	useremail	bloodgroup
Jyoti	jyotikumari@gmail.com	B+

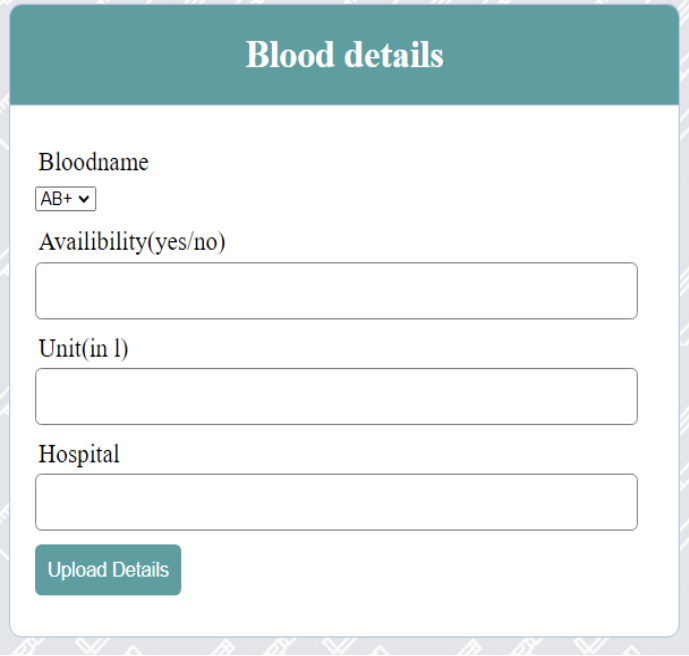
Update Blood Details for user

BBMS

Update Blood Total Blood In Stock Blood Requested Back to Home

© 2023 BBMS

Blood Details



Update Camps Details for user

See Who Request For Blood

BBMS

All User Details

Id	First Name	Address	Bloodgroup	Contact No.	unit	What date & time	time
1	manzil	Rithala	AB-	2147483647	1	within 3 d	2023-04-24 18:23:32.977904
2	Rohit	Tilak Nagar	A	2147483647	1	1 Days	2023-05-19 14:55:48.850734

© 2023 BBMS

Back to home

Donor/Recipient Home Page

Camps | Blood Details | Profile | View Request | About Us | Contact us | Logout

Blood is universally recognized as the most precious elements that sustain life. It saves innumerable lives across the world in a variety of condition. The need of blood is great- on any given day, approximately 39,000 units of Red blood cells are needed. More than 29 million units of blood component are transfused every year. Donate Blood Despite the increase in the number of donors, blood remains in short supply during emergencies, mainly attributed to lack of information and accessibility. We positively belive this tool can overcome most of these challenges by effectively connecting the blood donors with blood recipients.

In 2023 , before starting the " Festin-O-Beats 2023 " , students ' cultural festival , the United world School of Business (PGDM Batch 2021-23) students organised a Blood Donation Camp. More than 150 students donated their blood in this noble cause

In 2022,blood donation camp was organised by student of RIMS at remote areas in five main villages of kangpokpi Distric of Manipur.

Blood donation camp organised in Noida.

Camps

BBMS

Ongoing and Upcoming Camps

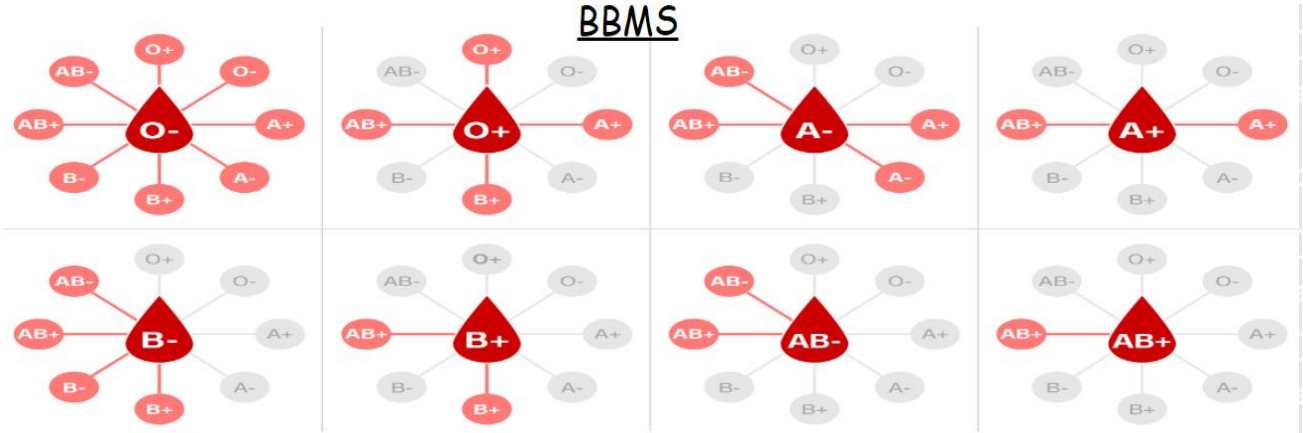
HOSPITAL	ADDRESS	CITY	CONTACT	DATE	TIME
RIMS	MANIPUR	IMPHAL	989098765	2023-05-08	09:00:00

HOSPITAL	ADDRESS	CITY	CONTACT	DATE	TIME
Saptagiri	Banglore	Banglore	890987654	2023-02-21	06:00:00

© 2023 BBMS

Back to home

Blood Details



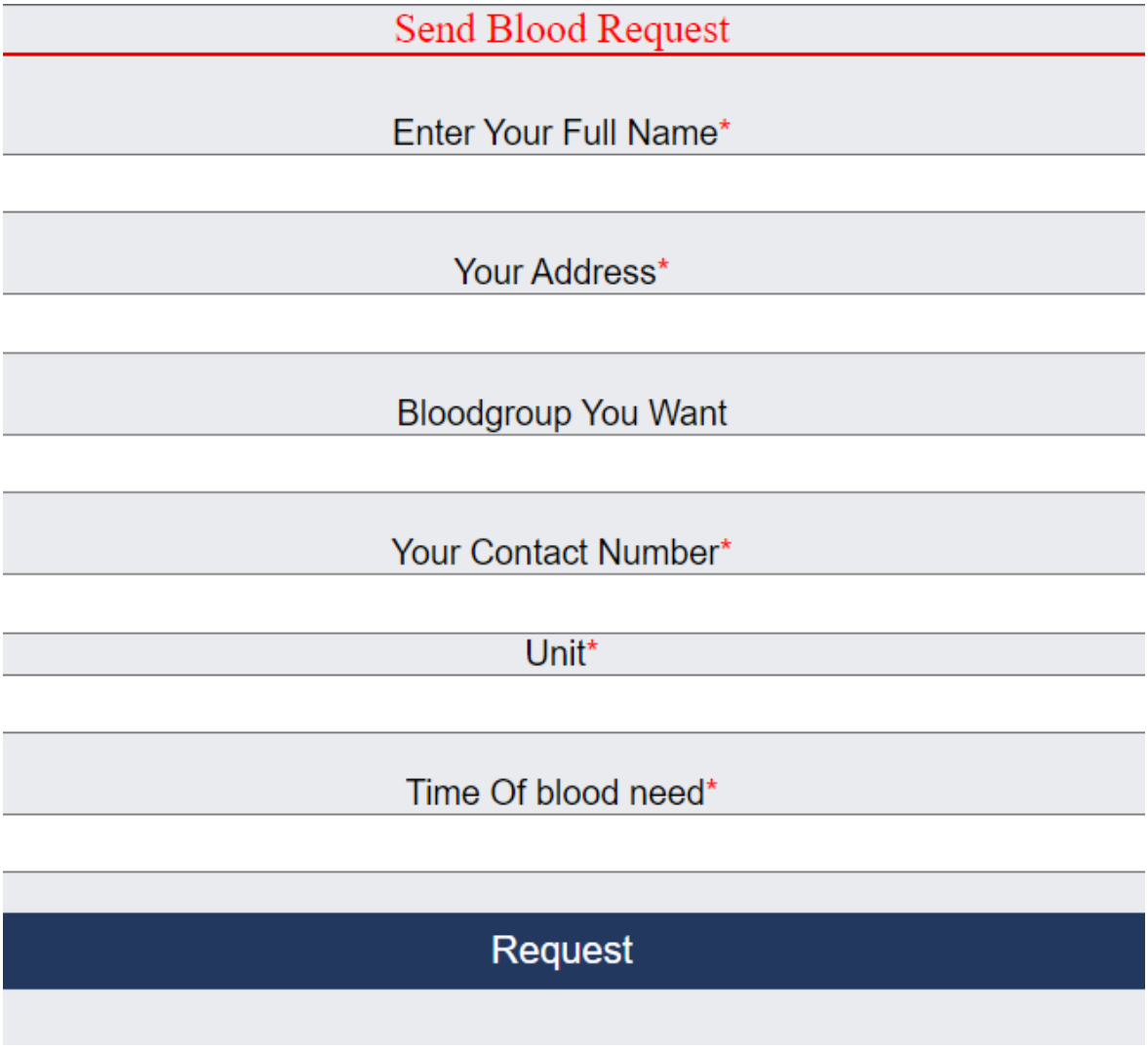
Send Blood Request Back to Home

All Blood Details

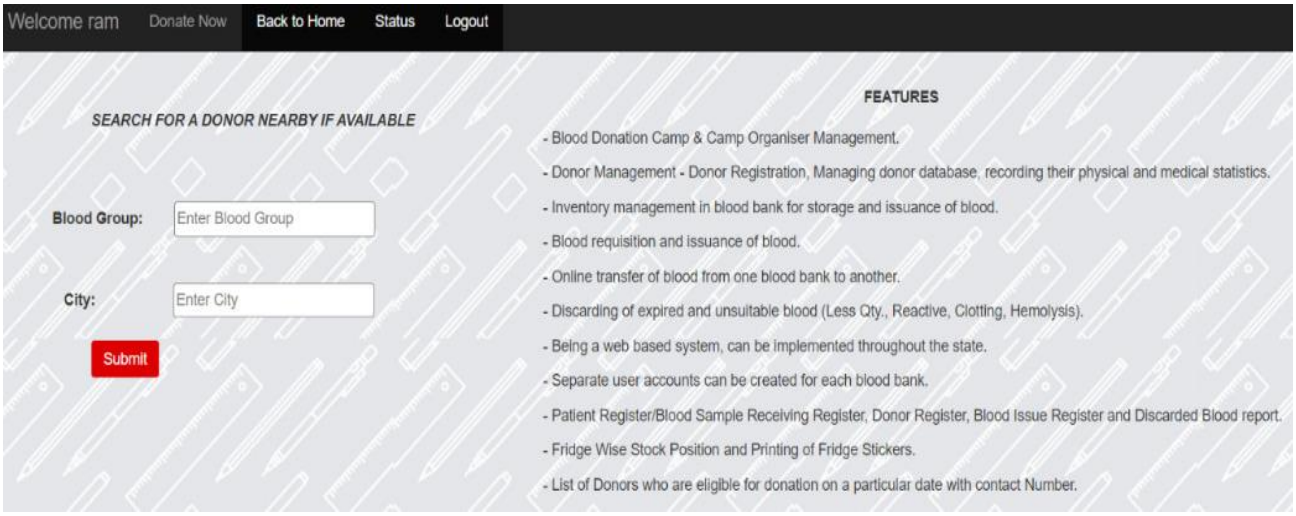
Bloodgroup	Unit(in l)	Availability
AB	2	yes
B+	3	yes
O+	3	yes
B+	3	YES
O-	1	YES
AB+	1	yes
AB+	5	yes
AB+	2	yes

© 2023 BBMS

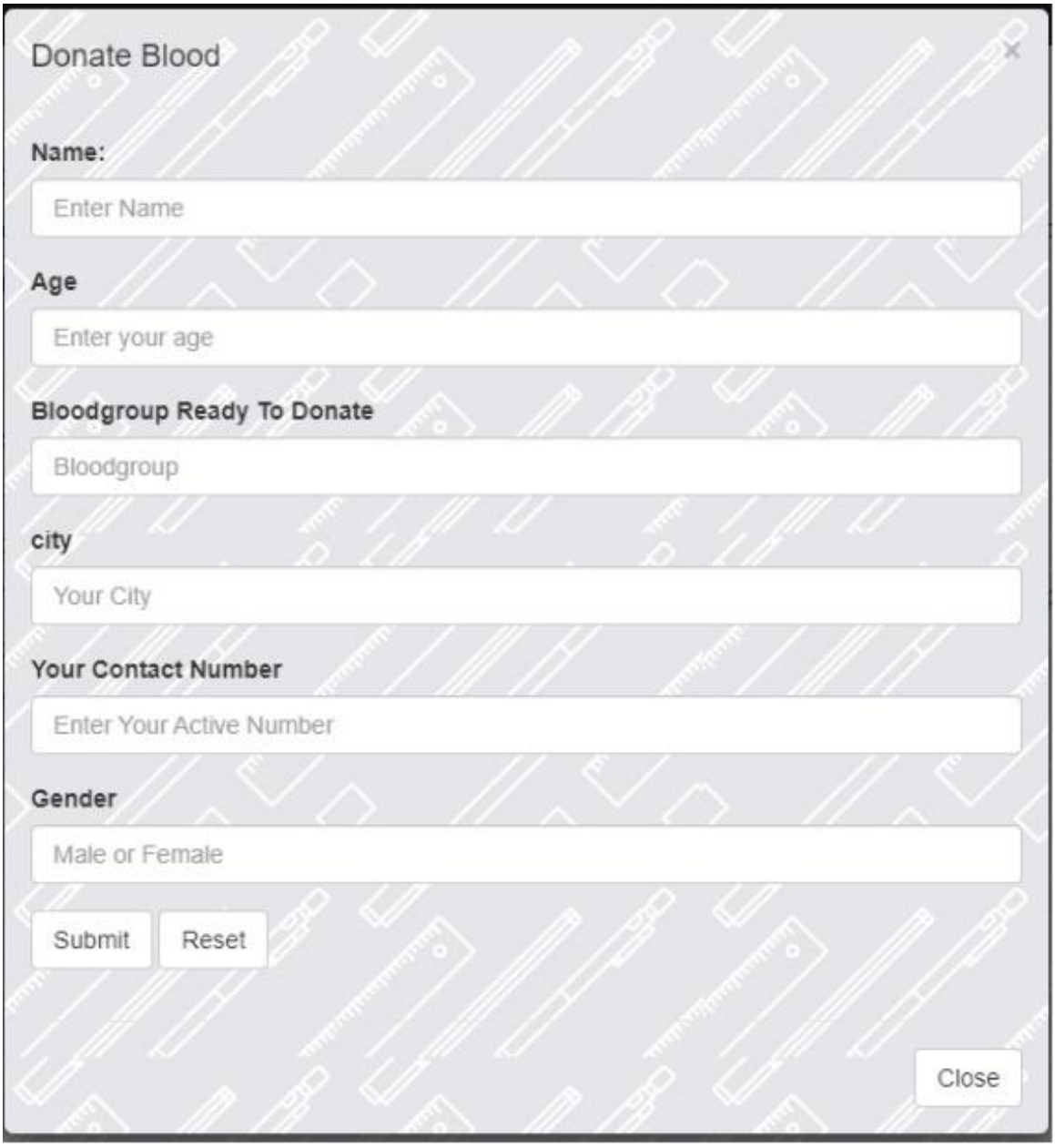
Send Blood Request



Donor Profile



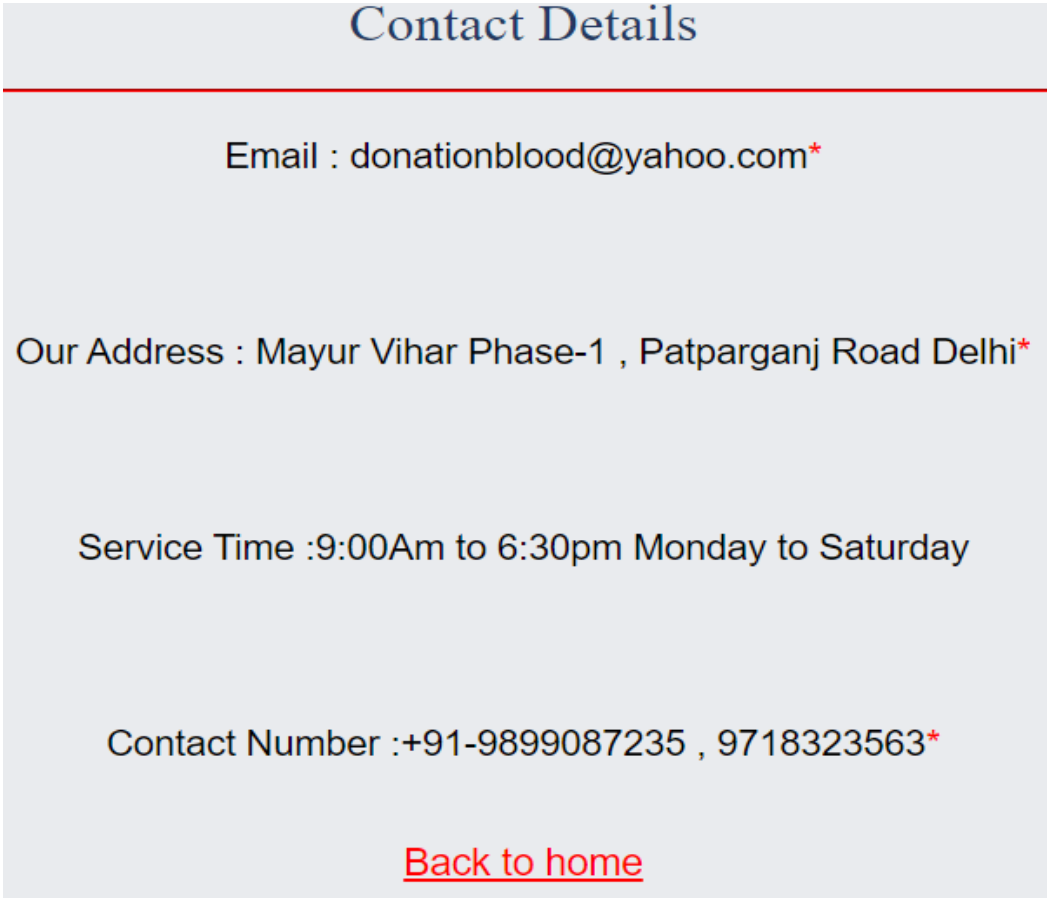
Donate Blood



Status

About us

Contact Details



Coding of The Project Blood Bank Management System

Code for HTML

About

```
<html>
  <head>
        <title>About Us</title>
        <style>

       Body
                  {
    color:white;
    background-image: url("seamless.jpg");
    text-align: center;
    }
  h2
        {
    text-align: center;
    color:blue;
  }
</style>
      </head>
        <body>
                    <h1 style="color:red;text-align:center;font-size:55px;font-
style:italic;text-decoration: underline">About Us</h1>

      <p style="color:black; text-align:center;font-style:bold;font-size:02px">
        </form>
```

```
</div>
<div style="float:center;padding:01px;color:black;font-size:25px">
<p >- Blood Donation Camp & Camp Organiser Management.
</P>
<P>- Donor Management - Donor Registration, Managing donor database, recording their physical and medical statistics.
</P>
<P>- Inventory management in blood bank for storage and issuance of blood.
</P>
<P>- Blood requisition and issuance of blood.</P>
<P>- Online transfer of blood from one blood bank to another.
</P>
<P>- Discarding of expired and unsuitable blood (Less Qty., Reactive, Clotting, Hemolysis).</P>
<P>- Being a web based system, can be implemented throughout the state.
<p>- Separate user accounts can be created for each blood bank.</P>
<P>- Patient Register/Blood Sample Receiving Register, Donor Register, Blood Issue Register and Discarded Blood report.
 </P>
<P>- List of Donors who are eligible for donation on a particular date with contact Number
.</P>
</section>
</div>
<a href="home.php"style="color:red;font-size: 25px">Back to home</a>
                    </body>
                    </html>
```

Contact

```
<html>
  <head>
  <link rel="stylesheet" type="text/css" href="css/main.css">
</head>
    <body>
            <h1>Contact Details</h1>
                <hr>
                    <font size="5">
                <p style="text-align:center">Email : donationteam@yahoo.com<span>*</span></p><br>
               <div class="required"></div>


               <br>
                <p style="text-align:center">Our Address : Mayur Vihar Phase-1 , Patparganj Road Delhi<span>*</span></p><br>
                <div class="required"></div>
                <br>
                <p style="text-align:center">Service Time :9:00Am to 6:30pm Monday to Saturday</p><br>
                <div class="required"></div>
                <br>
                <p style="text-align:center">Contact Number :+91-9899087235 , 9718323563<span>*</span></p><br>
               </font>
          <a href="home.php"style="color:red;font-size: 25px">Back to home</a>
      </body>
      </html>
```

Request

```
<html>
<head>
<link rel="stylesheet" type="text/css" href="css/main.css">
<title>Request Blood</title>
</head>
<body>
<h2>Send Blood Request
</h2>
<hr>
<form action="request.php" method="post">
<label>Enter Your Full Name<span>*</span>
</label>
<br>
<input type="text" name="fullname" id="fullname">

<div class="required">
</div>
<br>
<label>Your Address<span>*</span>
</label>
<br>
<input type="text" name="Address" id="Address">
<div class="required">
</div>
<br>
<label>Bloodgroup You Want</label>
```

```
<br>
                <input type="text" name="bloodgroup" id="bloodgroup">
                <div class="required"></div>
              <br>
                <label>Your Contact Number<span>*</span></label>
<br>
                <input type="Number" name="phno" id="phno">
                  <label>Unit<span>*</span></label>
<br>
                <input type="Number" name="unit" id="unit">
                <div class="required"></div>
          <br>
                <label>Time Of blood need<span>*</span></label><br>
                <input type="text" name="bloodtime" id="bloodtime">
                <div class="required"></div>
          <br>
          <input type="submit" value="Request" name="request">
</form>
            </div>
          </div>
    </div>
     <script src="js/main.js"></script>
</body>
</html>
       </form>
        </body>
```

Camps

```
<!DOCTYPE html>

<html>
<head>
	<link rel="stylesheet" type="text/css" href="CSS/style1.css">
	<title>Enter Camps details</title>
</head>
<body>
<div class="header">
	<h2>Update Camps details for user</h2>
</div>
<form method="post" action="campsdetails.php">
	<div class="input-group">
		<label>Hospital
</label>
		<input type="text" name="hospital" value="">
	</div>
	<div class="input-group">
		<label>Address of Camp
</label>
		<input type="text" name="address" value="">
	</div>
	<div class="input-group">
		<label>City</label>
		<input type="text" name="city">
	</div>
```

```
        <div class="input-group">
                <label>contact
</label>
                <input type="text" name="contact">
        </div>
                <div class="input-group">
                <label>date
</label>
                <input type="text" name="date">
        </div>
                <div class="input-group">
                <label>time
</label>
                <input type="text" name="time">
        </div>
        <div class="input-group">
                <button type="submit" class="btn" name="register_btn">Upload
Details</button>
        </div>
        <p>
                 <a href="adminhome.php">Back to admin home Page
</a>
        </p>
</form>
</body>
</html>
```

Blood Group

```
<!DOCTYPE html>
<html>
<head>
        <link rel="stylesheet" type="text/css" href="style1.css">
        <title>details Entry</title>
</head>
<body>
<div class="header">
        <h2>Blood details
</h2>
</div>
<form method="post" action="update/o-.php">
        <div class="input-group">
                <label>Bloodname
</label>
                        <td>
                        <select name="bloodname">
                        <option> AB+ </option>
                        <option> AB </option>
                        <option> A+ </option>
                        <option> A-</option>
                        <option> B+ </option>
                        <option> B- </option>
                        <option> O+ </option>
                        <option> O- </option>
```

```
</select>
        </td>
        </div>
        <div class="input-group">
            <label>Availibility(yes/no)
</label>
            <input type="text" name="Availibility" value="">
        </div>
        <div class="input-group">
            <label>Unit(in l)
</label>
            <input type="text" name="unit">
        </div>
        <div class="input-group">
            <label>Hospital</label>
            <input type="text" name="hospital">
        </div>
        <div class="input-group">
            <button type="submit" class="btn" name="register_btn">Upload
Details</button>
        </div>
        <p>
        </p>
</form>
</body>
</html>
```

Code For CSS

Camps

```
@import "compass/css3";

/*
RESPONSTABLE 2.0 by jordyvanraaij
  Designed mobile first!
If you like this solution, you might also want to check out the 1.0 version:
  https://gist.github.com/jordyvanraaij/9069194
*/

// Default options for table style
$table-breakpoint: 480px;
$table-background-color: #FFF;
$table-text-color: #024457;
$table-outer-border: 1px solid #167F92;
$table-cell-border: 1px solid #D9E4E6;

// Extra options for table style (parse these arguments when including your mixin)
$table-border-radius: 10px;
$table-highlight-color: #EAF3F3;
$table-header-background-color: #167F92;
$table-header-text-color: #FFF;
$table-header-border: 1px solid #FFF;

// The Responstable mixin

@mixin responstable(
  $breakpoint: $table-breakpoint,
  $background-color: $table-background-color,
  $text-color: $table-text-color,
  $outer-border: $table-outer-border,
  $cell-border: $table-cell-border,
  $border-radius: none,
  $highlight-color: none,
  $header-background-color: $table-background-color,
  $header-text-color: $table-text-color,
  $header-border: $table-cell-border) {

  .responstable {
    margin: 1em 0;
```

```
    width: 100%;
    overflow: hidden;
    background: $background-color;
    color: $text-color;
    border-radius: $border-radius;
    border: $outer-border;

    tr {
      border: $cell-border;
      &:nth-child(odd) { // highlight the odd rows with a color
        background-color: $highlight-color;
      }
    }

    th {
      display: none; // hide all the table header for mobile
      border: $header-border;
      background-color: $header-background-color;
      color: $header-text-color;
      padding: 1em;
      &:first-child { // show the first table header for mobile
        display: table-cell;
        text-align: center;
      }
      &:nth-child(2) { // show the second table header but replace the content with the data-th from the markup for mobile
        display: table-cell;
        span {display:none;}
        &:after {content:attr(data-th);}
      }
      @media (min-width: $breakpoint) {
        &:nth-child(2) { // hide the data-th and show the normal header for tablet and desktop
          span {display: block;}
          &:after {display: none;}
        }
      }
    }

    td {
      display: block; // display the table data as one block for mobile
      word-wrap: break-word;
      max-width: 7em;
```

```
      &:first-child {
        display: table-cell; // display the first one as a table cell (radio button) for mobile
        text-align: center;
        border-right: $cell-border;
      }
      @media (min-width: $breakpoint) {
        border: $cell-border;
      }
    }

    th, td {
      text-align: left;
      margin: .5em 1em;
      @media (min-width: $breakpoint) {
        display: table-cell; // show the table as a normal table for tablet and desktop
        padding: 1em;
      }
    }
  }
}

// Include the mixin (with extra options as overrides)

@include responstable(
  $border-radius: $table-border-radius,
  $highlight-color: $table-highlight-color,
  $header-background-color: $table-header-background-color,
  $header-text-color: $table-header-text-color,
  $header-border: $table-header-border);

// General styles

body {
  padding: 0 2em;
  font-family: Arial, sans-serif;
  color: #024457;
  background: #f2f2f2;
}

h1 {
  font-family: Verdana;
  font-weight: normal;
  color: #024457;
  span {color: #167F92;}
}
```

Index

```
body

{
        margin: 0;
        padding: 0;
        background-image: url("pqr.jpg");

}

ul

{
        list-style-type: none;
        background-color: red;
        height: 40px;
        width:100%;
        background-image: url("pqr.jpg");
}

a

{
        text-decoration: none;
        font-size: 25px;
        color:white;
        position: relative;
        top: 4px;
}

li


{
        display: inline;
        font-style: 15px;
        padding: 38px;
        margin-left: 20       px;
        position: relative;
        left: 70px;

}

p

{
```

```
        text-align: justify;
        max-width: 1000px;
        max-height: 80px;
        position: absolute;
        left: 60px;
        font-size: 20px;
        top: 350px;
        margin-left: 95px;
}

h6

{
        position: relative;
        top: 180px;
        left:60px;
        font-size: 20px;
        margin-left: 95px;
    }

.bloodquery

    {
        position: relative;
        top:160px;
        left: 60px;
        font-size: 20px;
        margin-left: 95px;

   }

.ongoingcamps

   {
        position: relative;
        top: 180px;
        left: 60px;
        font-size: 20px;
        margin-left: 95px;

   }
```

Signup

```
body
  {
        margin: 0;
        padding:0;
        background-image: url("/images/bloodcell.jpg");
   }
form
   {
        border:2px solid lightblue;
        height:600px;
        width: 800px;
        margin-left: 350px;
        margin-top: 10px;
        margin-right: 100px;
  }

input[type=text], input[type=password]

 {
        width: 570px;
        height:1px;
        padding: 20px;
        font-weight: bolder;
        font-size: 50px;
        position: relative;
        left: 40px;
        top: 40px;
  }
button
  {
        width:90px;
        height:40px;
        font-weight: bolder;
        position: relative;
        left: 350px;
        top: 50px;
        background-color: red;
  }
label
  {
        font-weight: bold;
```

```
        position: relative;
        left: 40px;
        font-size: 15px;
        top: 40px;
  }
h1
  {
        color:red;
        position: relative;
        left:350px;
        top: 40px;
   }

 {
        margin:22 ;
        padding: 65;
        background-image: url("pqr.jpg");
        color: red;
}
ul
{
        list-style-type: none;

        height:auto ;
        width:100%;
     }
a
    {
        text-decoration: none;
        font-size: 27px;
        color:black;
        position: sticky;
        top: 7px;
    }
li
    {
        display: inline;
        font-style: 15px;
        padding: 20px;
        margin-left:20px;
        position: relative;
        left: 70px;
}
```

Login

```
body
{
	margin: 0;
	padding:0;
	background-image: url("/images/bloodcell.jpg");
}
Form {
	border:2px solid lightblue;
	height:500px;
	width: 600px;
	margin-left: 450px;
	margin-top: 100px;
	margin-right: 100px;
	padding: 10px;
}
input[type=text], input[type=password]
{
	width: 100%;
	height:50px;
	padding: 10px;
	font-weight: bolder;
	font-size: 20px;

}
Button {
	width:80px;
	height:40px;
	font-weight: bolder;
	position: relative;
	left: 220px;
	background-color: red;
}
Label {
	font-weight: bold;
	font-size: 20px;
}
h1 {
color:red;
position: relative;
left:220px;
}
```

Profile

```
body
        {
        margin:22 ;
        padding: 65;
        background-image: url("pqr.jpg");
        color: red;
}

ul
        {
        list-style-type: none;
        height:auto ;
        width:100%;

}

a
        {
        text-decoration: none;
        font-size: 27px;
        color:black;
        position: sticky;
        top: 7px;
}

li
        {
        display: inline;
        font-style: 15px;
        padding: 20px;
        margin-left:20px;
        position: relative;
        left: 70px;
}
```

Code For Php

Index

```
<?php
  session_start();
    include "functions/header.php";
?>
<html>
<head>
  <link rel="stylesheet" type="text/css" href="bootstrap.css">
   <link rel="stylesheet" type="text/css" href="bootstrap.min.css">
    <link rel="stylesheet" type="text/css" href="bootstrap-theme.css">
     <link rel="stylesheet" type="text/css" href="bootstrap-theme.min.css">

  <style>

     {
    margin:0;
    padding:0;
  }
body {
    background:url('seamless.jpg');
}
.navbar {
    border-radius: 0;
}
.logo-icon {
    width: 60px;
}
.navbar-brand>img {
    float: left;
    margin: -15px 0 0 0;
}
.navbar>.container-fluid .navbar-brand {
    margin-left: 40px;
}
.navbar-inverse {
    background-color: #ae0202;
    border-color: #ae0202;
}
.navbar-inverse .navbar-brand {
```

```
    color: #ffffff;
}
.navbar-inverse .navbar-nav>li>a {
    color: #ffffff;
}
.navbar-nav>li>.dropdown-menu {
    background: #ae0202;
}
.navbar-inverse .navbar-nav>.open>a, .navbar-inverse .navbar-
nav>.open>a:focus, .navbar-inverse .navbar-nav>.open>a:hover {
    background-color: #740202;
}
.dropdown-menu>li>a {
    color: #fff;
}
.dropdown-menu>li>a:focus, .dropdown-menu>li>a:hover {
    color: #ffffff;
    background-color: #740202;
}
.dropdown-menu>li>a {
    color: #fff;
    padding: 12px 20px;
}
.navbar {
    margin-bottom: 0;
}
.cover {
    height: 300px;
    background: url(../images/cover.jpg);
    background-attachment: fixed;
}
.banner img {
    width: 100%;
    height: 400px;
}
.footer {
    background: #191919;
    height: 20px;
}
.copyright {
    background: #000;
    color: #fff;
    padding: 15px 0;
```

```
}
.input-group:hover {
    text-decoration: none;
}
.error{
    color:red;
}
.spacer {
    height: 20px;
}
@media (min-width: 768px)
{
    .modal-dialog {
        width: 500px;
        margin: 30px auto;
    }
}
.navbar>.container-fluid .navbar-brand {
    margin-left: 0;
}
.heading-reg {
    font-family: 'Varela Round';
    padding: 10px;
    text-align: center;
    color: #ae0202;
}
button.banner-try {
    background: #ae0202;
    color: #fff;
    padding: 20px;
    margin: 40px 0;
    width: 100%;
}
.error-image {
    margin-top: 40px;
    width: 100%;
}
.col-md-6 img {
    width: 180px;
}
.icon-col {
    text-align: center;
    margin-top: -30px;
```

```
}
.request {
    background: #191919;
    padding: 10px;
    color:#fff;
    margin: 10px;
    transition: 0.2s;
    cursor: pointer;
    box-shadow: 4px 4px 8px -2px #ae0202;
}
.request:hover {
    transform: scale(1.02);
}
.blood {
    font-size: 7em;
}
.col-md-5.contact {
    padding: 20px;
    font-size: 18px;
}
.myTable td{
    padding: 5px;
}

td.table_row {
    color: #adadad;
}
.sbutton {
    width: 100%;
    margin-top: 25px;
}
.main-section {

}
.col-md-8.main-section h2 {
    font-size: 40px;
    font-family: 'Varela Round';
    color: #d3181f;
}
.main-section p {
    letter-spacing: 1px;
    line-height: 23px;
    text-align: justify;
```

```
}
.note{
    font-size: 16px;
}
.sidebar {
    padding: 30px;
}
.sidebar img {
    width:100%;
}
 .carousel-inner > .item > img,
  .carousel-inner > .item > a > img {
      width: 70%;
      margin: auto;
      }
        .carousel-inner > .item > img,
  .carousel-inner > .item > a > img {
      width: 50%;
      margin: auto;
</style>

<marquee scrollamount=5 onmouseover="this.stop(); onmouseover="this.start()
>
<b><i><h4>Hi,Welcome to our Website.The platform where you save lives of
others through your Generosity.DONATE BLOOD AND SAVE
LIVES</b></i></h4>
</marquee>
    <section>
 <br>
  <div id="myCarousel" class="carousel slide" data-ride="carousel" >
    <!-- Indicators -->
    <ol class="carousel-indicators">
      <li data-target="#myCarousel" data-slide-to="0" class="active"></li>
      <li data-target="#myCarousel" data-slide-to="1"></li>
      <li data-target="#myCarousel" data-slide-to="2"></li>
      <li data-target="#myCarousel" data-slide-to="3"></li>
       <li data-target="#myCarousel" data-slide-to="4"></li>
       <li data-target="#myCarousel" data-slide-to="5"></li>
       <li data-target="#myCarousel" data-slide-to="6"></li>
       <li data-target="#myCarousel" data-slide-to="7"></li>
      <li data-target="#myCarousel" data-slide-to="8"></li>
      <li data-target="#myCarousel" data-slide-to="9"></li>
       <li data-target="#myCarousel" data-slide-to="10"></li>
```

```
   <li data-target="#myCarousel" data-slide-to="11"></li>
</ol>

<!-- Wrapper for slides -->
<div class="carousel-inner" role="listbox">
  <div class="item active">

    <img src="images/clip4.jpg" alt="Chania" width="460" height="345">
    <p></p>
  </div>

  <div class="item">
    <img src="images/clip3.jpg" alt="Chania" width="460" height="345">
  </div>

  <div class="item">
    <img src="images/clip2.jpeg" alt="Flower" width="460" height="345">
  </div>

  <div class="item">

    <img src="images/clip1.jpg" alt="blood" width="460" height="345">
  </div>
   <div class="item">
    <img src="images/clip5.jpg" alt="Chania" width="460" height="345">
  </div>
  <div class="item">
    <img src="images/clip6.jpg" alt="Chania" width="460" height="345">
  </div>
  <div class="item">
    <img src="images/clip7.jpg" alt="Chania" width="460" height="345">
  </div>
  <div class="item">
    <img src="images/clip8.jpg" alt="Chania" width="460" height="345">
  </div>
  <div class="item">
    <img src="images/clip9.jpg" alt="Chania" width="460" height="345">
  </div>
  <div class="item">
    <img src="images/clip10.jpg" alt="Chania" width="460" height="345">
  </div>
  <div class="item">
    <img src="images/clip11.jpg" alt="Chania" width="460" height="345">
```

```
      </div>
      <div class="item">
        <img src="images/clip12.png" alt="Chania" width="460" height="345">
      </div>
    </div>

    <!-- Left and right controls -->
    <a class="left carousel-control" href="#myCarousel" role="button" data-
slide="prev">
      <span class="glyphicon glyphicon-chevron-left" aria-hidden="true"></span>
      <span class="sr-only">Previous</span>
    </a>
    <a class="right carousel-control" href="#myCarousel" role="button" data-
slide="next">
      <span class="glyphicon glyphicon-chevron-right" aria-hidden="true"></span>
      <span +class="sr-only">Next</span>
    </a>
  </div>
  </section>
    <!-- Banner Section Ends -->

    <!-- Description Section -->
    <div class="container">
        <div class="col-md-8 main-section">
            <h2>Our Mission</h2>
            <p>
                To fulfill the needs of the Asian people for the safest, most reliable and
most cost-effective
                blood services through voluntary donations.The Blood Bank empowers
ordinary people to perform
                extraordinary acts of service. Our blood donors are ordinary people –
high school students, factory
                and office workers, business executives, parents and grandparents, and
people from every walk of life.
                But they share one thing – a generous spirit, a desire to give back to
their community and help others.
                Blood donors play an integral role in the delivery of modern healthcare.
Many life-saving medical
                treatments and procedures involve blood transfusions and would not be
possible without a safe and reliable
                blood supply.
            </p>
            <p class="note">
```

```
<strong>Every two seconds someone receives a unit of blood. The need is
constant. It is our mission
              to meet that need.</strong>
            </p>
            <div class="spacer"></div>
          </div>
          <div class="col-md-4">
            <div class="sidebar">
               <img src="images/poster.jpg" alt="Blood Donation"/>
            </div>
          </div>
      </div>
      <!-- Description Section Ends -->

      <!-- Modal -->
    <div class="modal fade" id="SignUpModal" role="dialog">
      <div class="modal-dialog">

        <!-- Modal content-->
        <div class="modal-content">
          <div class="modal-header">
            <button type="button" class="close" data-dismiss="modal">&times;</button>

<h4 class="modal-title">Sign Up</h4>
          </div>
          <div class="modal-body">
            <form method="POST" action="classes/register.php" onSubmit="return
Validate()">
              <div class="input-group">

     <span class="input-group-addon"><i class="glyphicon glyphicon-
user"></i></span>

                <input id="email" name="username" type="email" class="form-control"
placeholder="Email">
              </div>
              <br>
              <div class="input-group">
                <span class="input-group-addon"><i class="glyphicon glyphicon-
lock"></i></span>
                <input id="password" name="password" type="password" class="form-
control" placeholder="Password">
```

```
    </div>
          <br>
          <div class="input-group">
             <span class="input-group-addon"><i class="glyphicon glyphicon-
lock"></i></span>

 <input id="cpassword" onKeyUp="Validate();" name="cpassword" type="password"
class="form-control" placeholder="Confirm Password">

          </div>
          <br>
          <div class="input-group">
             <span class="error" id="perror"></span>
          </div>
          <br>
          <div class="input-group">

             <input type="submit" value="Sign Up" name="submit" class="btn btn-
success">
          </div>
         </form>
       </div>
       <div class="modal-footer">
         <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
       </div>
     </div>

   </div>
  </div>

     <!-- Modal -->
   <div class="modal fade" id="LoginModal" role="dialog">
   <div class="modal-dialog">

     <!-- Modal content-->
     <div class="modal-content">
       <div class="modal-header">
         <button>

<a href=login.php class="close" data-dismiss="modal">&times; login
         </button>
       </div>
```

```
        <div class="modal-body">

   <form method="POST" action="classes/login.php">
            <div class="input-group">

                <span class="input-group-addon"><i class="glyphicon glyphicon-
user"></i></span>

                <input id="email" type="email" class="form-control" name="email"
placeholder="Email">

   </div>
            <br>
            <div class="input-group">

                <span class="input-group-addon"><i class="glyphicon glyphicon-
lock"></i></span>

                <input id="password" name="password" type="password" class="form-
control" name="password" placeholder="Password">
            </div>
            <br>
            <div class="input-group">

                <input type="submit" value="Login" name="login" class="btn btn-success"
name="msg" placeholder="Additional Info">

                Not a Member? <a href="#" data-toggle="modal" data-
target="#LoginModal">Sign Up</a>

            </div>
        </form>
        </div>
        <div class="modal-footer">

          <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>

        </div>
      </div>

    </div>
  </div
```

Home

```
<?php
require 'functions/functions.php';
session_start();
 if (!isset($_SESSION['user'])) {
    header("location:index.php");
}
$user = $_SESSION['user'];
session_destroy();
session_start();
$_SESSION['user'] = $user;
ob_start();
$conn = connect();
?>
<!DOCTYPE>
<html>
<head>
<title>Blood Bank Management System</title>
       <link rel = "icon" href =
"images/logo.png"
        type = "image/x-icon">
  <style type="text/css">
<style>
body
{
  margin: 0;
  padding: 0;
  color:red;
  background-image: url("seamless.jpg");
}
ul
{
  list-style-type: none;
  background-color: red;
  height: 60px;
  width:97%;

}
a
{
  text-decoration: none;
  font-size: 35px;
```

```
  color:white;
  position:absolute;
  top: 100px;
}
li
{
  display: inline;
  font-style: 15px;
  padding: 95px;
  margin-left: 20 px;
  position: relative;
  left: 60px;
}
p
{
  text-align: justify;
  max-width: 1250px;
  max-height: 80px;
  position: absolute;
  left: 60px;
  font-size: 25px;
  top: 380px;
  margin-left: 80px;
}
h6
{
  position: relative;
  top: 180px;
  left:60px;
  font-size: 20px;
  margin-left: 95px;
}
.bloodquery
{
  position: relative;
  top:160px;
  left: 60px;
  font-size: 20px;
  margin-left: 95px;
}
.ongoingcamps
{
  position: relative;
```

```
  top: 180px;
  left: 60px;
  font-size: 20px;
  margin-left: 95px;
}
.saap{
  position: relative;
  top:150px;
  left: 60px;
  font-size: 20px;
  margin-left: 40px;
  color:black;

}
footer{
        position: relative;
        bottom: 10;
}
@media (max-height:100px){
        footer { position: static; }
        header { padding-top:20px; }
}
.footer-distributed{
        background-color: #2c292f;

        width: 100%;
        text-align: left;
        font: bold 16px sans-serif;
   padding: 20px 20px 20px 20px
        margin-top:100px;
        height:160px;
}
.footer-distributed .footer-left,
.footer-distributed .footer-center,
.footer-distributed .footer-right{
        display: inline-block;
        vertical-align: bottom;
}

.footer-distributed .footer-left{
        width: 100%;
        height:100px;
}
```

```
.footer-distributed h3{
	color:  #ffffff;
	font: normal 46px 'Cookie', cursive;
	margin: 160;
}

.footer-distributed .footer-left img{
	width: 30%;
	height:20px;
}

.footer-distributed h3 span{
	color:  #e0ac1c;
}
.footer-distributed .footer-links{
	color:  #ffffff;
	margin: 20px 0 12px;
}

.footer-distributed .footer-links a{
	display:inline-block;
	line-height: 1.8;
	text-decoration: none;
	color:  inherit;
}

.footer-distributed .footer-company-name{
	color:  #8f9296;
	font-size: 10px;
	font-weight: normal;
	margin: 0;
 }
.footer-distributed .footer-center{
	width: 30%;
	height: 20px;
 }
.footer-distributed .footer-center
{
	background-color:#33383b;
	color: #ffffff;
	font-size: 25px;
	width: 10px;
```

```
        height: 10px;
        border-radius: 50%;
        text-align: center;
        line-height: 20px;
        margin: 10px 15px;
        vertical-align: middle;
        }
.footer-distributed .footer-center i.fa-envelope{
        font-size: 17px;
        line-height: 20px;
 }
.footer-distributed .footer-center p{
        display: inline-block;
        color: #ffffff;
        vertical-align: middle;
        margin:0;
}
 .footer-distributed .footer-center p span{
        display:block;
        font-weight: normal;
        font-size:14px;
        line-height:20px;
 }
.footer-distributed .footer-center p a{
        color:  #e0ac1c;
        text-decoration: none;;
}

.footer-distributed .footer-right{
        width: 30%;
}
.footer-distributed .footer-company-about{
        line-height: 20px;
        color:  #92999f;
        font-size: 13px;
        font-weight: normal;
        margin: 0;
}
.footer-distributed .footer-company-about span{
        display: block;
        color:  #ffffff;
        font-size: 18px;
        font-weight: bold;
```

```
        margin-bottom: 20px;
}
.footer-distributed .footer-icons{
        margin-top: 25px;
}

.footer-distributed .footer-icons a{
        display: inline-block;
        width: 35px;
        height: 35px;
        cursor: pointer;
        background-color:  #33383b;
        border-radius: 2px;

        font-size: 20px;
        color: #ffffff;
        text-align: center;
        line-height: 35px;

        margin-right: 3px;
        margin-bottom: 5px;
}
.footer-distributed .footer-left,
        .footer-distributed .footer-center,
        .footer-distributed .footer-right{
                display: block;
                width: 100%;
                margin-bottom: 40px;
                text-align: center;
        }

        .footer-distributed .footer-center i{
                margin-left: 0;
        }

</style>
</head>

<body>

<b><p style="text-align:center;font-size:40px;font-family:cursive;color:red;text-
decoration:underline;border-radius:0.5px;margin-left:585px;margin-top:-
352">BBMS</b></p>

<img src="abc.jpg" alt="save blood" height="400px" width="1475px">
```

```
<ul>
<li><a href="camps.php" style="font-size:22px">Camps</a></li>
<li><a href="blooddetails.php" style="font-size:22px">Blood Details</a></li>
<li><a href="profile.php"style="font-size:22px">Profile</a></li>
<li><a href="viewrequest.php"style="font-size:22px">View Request</a></li>
<li><a href="about.html"style="font-size:22px">About Us</a></li>
<li><a href="contact.html"style="font-size:22px">Contact us</a></li>
<li><a href="logout.php"style="font-size:22px">Logout</a></li>
</ul>
<p style="color:black;font-style: italic;margin-top:120px;"> Blood is universally recognized as the most precious elements that sustain life. It saves innumerable lives across the world in a variety of condition. The need of blood is great- on any given day, approximately 39,000 units of Red blood cells are needed. More than 29 million units of blood component are transfused every year. Donate Blood Despite the increase in the number of donors, blood remains in short supply during emergencies, mainly attributed to lack of information and accessibility. We positively belive this tool can overcome most of these challenges by effectively connecting the blood donors with blood recipients.</p>

<br>
<br>
<div class="bloodquery">
<video width="1100" height="500" align="left" controls>
  <source src="video/bd.mp4" type="video/mp4">
  <source src="movie.ogg" type="video/ogg">
Your browser does not support the video tag.
</video>
</div>
</br>
</br>
<br>
<br>
<div class="saap">
        <br>
<p1 style="margin-bottom:100px">In 2023 , before starting the “ Festin-O-Beats 2023 ” , students ' cultural festival , the United world School of Business (PGDM Batch 2021-23) students organised a Blood
Donation Camp. More than 150 students donated their blood in this noble cause.
</p1>
</br>
<br>
<img src="images/c1.jpg" alt="" height="200px" width="400px">
```

```
</br>
  <br>
  <p2 style="margin-bottom:100px">In 2022,blood donation camp was organised by student of RIMS at remote areas in five main villages of kangpokpi Distric of Manipur.
 </br>
  <br>
<img src="images/c2.jpg" alt="" height="200px" width="400px">
</p2>
</br>
<br>
<p3 style="margin-bottom:100px">Blood donation camp organised in Noida.
</br>
<br>
        <img src="images/c3.jpg" alt="" height="200px" width="400px">
</p3>
</br>
<br>
<p4 style="margin-bottom:100px">Blood Donation camps on wheel to reach remote areas in five Mizoram district.
        </br>
  <br>
<img src="images/c4.jpg" alt="" height="200px" width="400px">
</p4>
</br>
</div>
<br>
</div>
<footer class="footer-distributed">
                        <div class="footer-left">
                                    <h3>&copy 2023 BBMS</span></h3>
                                <a href="home.php">Top</a>
                                <a href="">
                                <br>
            </br>
</br>
</div>
</body>
</html>
```

Profile

```
 <?php
require 'functions/functions.php';
session_start();
if (!isset($_SESSION['user'])) {
    header("location:index.php");
}
$user = $_SESSION['user'];
session_destroy();
session_start();
$_SESSION['user'] = $user;
ob_start();
$conn = connect();
?>

<html>
<head> <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet"
href="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/css/bootstrap.min.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/1.11.3/jquery.min.js"></script>
  <script
src="http://maxcdn.bootstrapcdn.com/bootstrap/3.3.5/js/bootstrap.min.js"></script
>
  <title>Blood Bank</title>
        <link rel = "icon" href =
"images/logo.png"
        type = "image/x-icon">

<style>
    body
    {

       background-image:url("seamless.jpg");
    }
         .btn-danger:hover{
                border-radius:3px;
                border:1px solid #E11818;
                background-color:#E11818;
                color:#ff0000;
```

```
        }
        #submit-btn{
                border-radius:3px;
                border:none;
                background-color:#dd0000;
                color:#ffffff;
        }

        #submit-btn:hover{
                border-radius:3px;
                border:1px solid #ff0000;
                background-color:#ffffff;
                color:#ff0000;
        }
        .tf{
                border-radius:3px;
                border:1px solid #808080;
        }

  .carousel-inner > .item > img,
  .carousel-inner > .item > a > img {
      width: 70%;
      margin: auto;
  }

section {
    width:1400px;

    float:left;
    padding:10px;
}

.flex-container {
    display: -webkit-flex;
    display: flex;
    width: 400px;
    height: 250px;
    background-color: green;
}

.flex-item {
    background-color: cornflowerblue;
    width: 100px;
```

```
    height: 100px;
    margin: 10px;
}
  .carousel-inner > .item > img,
  .carousel-inner > .item > a > img {
      width: 50%;
      margin: auto;
  }
  img.p
  {
  margin-top:2px;
  }
  #header {
    background-color:#E11818;
          background-image:url(blood_t.jpg);
    color:red;
    text-align:center;
    padding:5px;
          }
          #nav
          {
    line-height:30px;
    background-color:white;
    height:300px;
    width:400px;
    float:left;
    padding:5px;
          margin-left: 50px;
    }

          #footer {
    background-color:maroon;
    color:red;
    clear:both;
    text-align:center;
    padding:20px;
}
H2{
          COLOR:MAROON;
}

.modal-content{
    background-image: url('seamless.jpg');
```

```
}
  </style>
<title>Blood Bank</title>
<link rel="shortcut icon" href="icon.png">
</head>
<body>

 <script>
/*jQuery(document).ready(function ($) {
    $("#lal").submit(function () {
        $.ajax({
            type: "POST",
            url: "don.php",
            data: $('form.contact').serialize(),
            success: function () {

                $("#myModal").modal('hide');
                                $("#stack2").modal('show');
            },
            error: function () {
                alert("failure");
            }
        });
        return false;
    });
});*/
 </script>

</div>

<nav class="navbar navbar-inverse">
  <div class="container-fluid">
    <div class="navbar-header">
      <a class="navbar-brand" href="#">Welcome <?php
echo($_SESSION['user']);?></a>
    </div>
    <div>
      <ul class="nav navbar-nav">


        <li><a data-toggle="modal" href="#myModal">Donate Now</a></li>
        <li class="active"><a href="home.php">Back to Home</a></li>
         <li class="active"><a href="prostatus.php">Status</a></li>
```

```
        <li class="active"><a href="logout.php">Logout</a></li>
 <div class="modal fade" id="myModal" role="dialog">
    <div class="modal-dialog">

      <!-- Modal content-->
      <div class="modal-content">
        <div class="modal-header">
          <button type="button" class="close" data-
dismiss="modal">&times;</button>
          <h4 class="modal-title">Donate Blood</h4>
        </div>
        <div class="modal-body">
          <form role="form" action="don.php" method='post' id="lal">
       <div class="form-group">
      <label for="email">Name:</label>
      <input type="text" class="form-control" placeholder="Enter Name"
name="fullname" required>
    </div>
    <div class="form-group">
      <label for="email">Age</label>
      <input type="number" class="form-control" placeholder="Enter your age"
name="age" required>
    </div>
  <div class="form-group">
      <label for="age">Bloodgroup Ready To Donate</label>
      <input type="text" class="form-control"  placeholder="Bloodgroup"
name="bloodgroup" required>
    </div>
  <div class="form-group">
      <label for="gender">city</label>
      <input type="text" class="form-control" placeholder="Your City" name="city"
required>
    </div>
  <div class="form-group">
      <label for="weight">Your Contact Number</label>
      <input type="text" class="form-control" placeholder="Enter Your Active
Number" name="phno" required>
    </div>
  <div class="form-group">

      <label for="weight">Gender</label>
      <input type="text" class="form-control" placeholder="Male or Female"
name="gender" required>
```

```
    </div>
    <button type="submit" class="btn btn-default">Submit</button>
          <button type="reset" class="btn btn-default">Reset</button>
  </form>
        </div>
        <div class="modal-footer">
          <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
        </div>
      </div>
    </div>
  </div>

  <!-- Modal -->
  <div class="modal fade" id="stack2" role="dialog">
    <div class="modal-dialog">

      <!-- Modal content-->
      <div class="modal-content">
        <div class="modal-header">
          <button type="button" class="close" data-
dismiss="modal">&times;</button>

        </div>
        <div class="modal-body">
          <p>Thank you for your kindness.Further information will be sent via
Email</p>
        </div>
        <div class="modal-footer">
          <button type="button" class="btn btn-default" data-
dismiss="modal">Close</button>
        </div>
      </div>

    </div>
  </div>

      </ul>
    </div>


</nav>
<div align=right><b>
```

```
</b>
</div>
<section style="float:left; ">
<div style="float:left;margin-left:50px;"><br>
<b><i>          SEAR
CH FOR A DONOR NEARBY IF AVAILABLE</i></b>

<br><br><br><br>

<form action="bbms.php" method="post" style>

<label>Blood Group:</label>       

<input type='text' name="search" class="tf" placeholder='Enter Blood Group'
style="width:200px;height:30px;" required><br><br><br>
<label>   City:</label>      
           &nbs
p; 

<input type='text' name="search2" class="tf" placeholder='Enter City'
style="width:200px;height:30px;" required><br><br>
          <input
id="submit-btn" class="btn btn-info" type='submit' align='right' value='Submit'><br>

</form></div>

<p align='center'><b>FEATURES</b></p>
<div style="float:right;padding:5px;margin-right:100px;">
<p>- Blood Donation Camp & Camp Organiser Management.</P>
<P>- Donor Management - Donor Registration, Managing donor database,
recording their physical and medical statistics.</P>
<P>- Inventory management in blood bank for storage and issuance of blood.</P>
<P>- Blood requisition and issuance of blood.</P>
<P>- Online transfer of blood from one blood bank to another.</P>
<P>- Discarding of expired and unsuitable blood (Less Qty., Reactive, Clotting,
Hemolysis).</P>
<P>- Being a web based system, can be implemented throughout the state.
<p>- Separate user accounts can be created for each blood bank.</P>
<P>- Patient Register/Blood Sample Receiving Register, Donor Register, Blood
Issue Register and Discarded Blood report. </P>
<P>- Fridge Wise Stock Position and Printing of Fridge Stickers.</p>
<P>- List of Donors who are eligible for donation on a particular date with contact
Number.</P>

</section>
</div>

</html>
```

Blood Details

```
<?php
require 'functions/functions.php';
session_start();
if (!isset($_SESSION['user'])) {
    header("location:index.php");
}
$user = $_SESSION['user'];
session_destroy();
session_start();
$_SESSION['user'] = $user;
ob_start();
$conn = connect();
?>

<!DOCTYPE>
<html>
<head>
<title>Blood Bank</title>
<style>
  body
{
  margin: 0;
  padding: 0;
  color:red;
  background-image: url("seamless.jpg");
}
ul
{
  list-style-type: none;
  background-color: red;
  height: 40px;
  width:97%;

}
a
{
  text-decoration: none;
  font-size: 25px;
  color:white;
  position: relative;
```

```
  top: 4px;
}
li
{
  display: inline;
  font-style: 15px;
  padding: 38px;
  margin-left: 20 px;
  position: relative;
  left: 70px;
}
p
{
  text-align: justify;
  max-width: 1000px;
  max-height: 80px;
  position: absolute;
  left: 60px;
  font-size: 20px;
  top: 350px;
  margin-left: 95px;
}
h6
{
  position: relative;
  top: 180px;
  left:60px;
  font-size: 20px;
  margin-left: 95px;
}

.bloodquery
{
  position: relative;
  top:160px;
  left: 60px;
  font-size: 20px;
  margin-left: 95px;

}
.ongoingcamps
{
  position: relative;
```

```
  top: 180px;
  left: 60px;
  font-size: 20px;
  margin-left: 95px;

}
.saap{
  position: relative;
  top:160px;
  left: 60px;
  font-size: 20px;
  margin-left: 40px;
  color:black;

}
</style>
</head>
<link rel="stylesheet" type="text/css" href="css/bootstrap.min.css">

<body>

<p style="text-align:center;font-size:40px;font-family:cursive;color:black;text-
decoration:underline;border-radius:0.5px;margin-left:585px;margin-top:-
362">BBMS</p>

<img src="abcd.png" alt="" height="450px" width="1454px">

<ul>

<li><a href="request.php"style="font-size:20px">Send Blood Request</a></li>
<li><a href="home.php"style="font-size:20px">Back to Home</a></li>
</ul>

  <style type="text/css">
  body{
     background-image:url("seamless.jpg");
  }
  table{
    background-color: red;

  }
</style>
 <section id="main-content">
         <section class="wrapper">
```

```
        <div class="row">
                <div class="col-md-12">
                   <div class="content-panel">
                      <table class="table table-striped table-advance table-hover"
style="width: 50%;">
                       <h4><i class="fa fa-angle-right"></i> All Blood Details </h4>
                       <hr>
                         <thead>
                         <tr>

                            <th class="hidden-phone">Bloodgroup</th>
                            <th>Unit(in l)</th>
                            <th>Availability</th>

                         </tr>
                         </thead>
                         <tbody>
                         <?php
                         include 'config.php';

                         $ret=mysqli_query($con,"select * from bloodgroup");
              while($row=mysqli_fetch_array($ret))
              {?>
                         <tr>

                            <td><?php echo $row['Bloodname'];?></td>
                            <td><?php echo $row['unit'];?></td>
                            <td><?php echo $row['Availibility'];?></td>
                         </tr>
                         <?php }?>
                         </tbody>
                      </table>
                   </div>
                </div>
             </div>
    </section>
</section>
<h3 style="color:black;font-size: 20px;text-align:center">&copy 2023 BBMS
</h3>
</body>
</html>
```

Sign Up

```
  <html>
   <head>
         <link rel = "icon" href ="images/logo.png"type = "image/x-icon">
  <style>
body{
  margin:5%;
  color:#6a6f8c;
  background-image: url("seamless.jpg");
  font:600 16px/18px 'Open Sans',sans-serif;
}
*,:after,:before{box-sizing:border-box}
.clearfix:after,.clearfix:before{content:'';display:table}
.clearfix:after{clear:both;display:block}
a{color:inherit;text-decoration:none}
.button {
  display: flex;
  flex-flow: row wrap;
  align-items: center;
}
.login-wrap{
  width:100%;
  margin:auto;
  max-width:400px;
  min-height:560px;
  position:relative;
  background:url(abc.png) no-repeat center;
  box-shadow:0 12px 15px 0 rgba(1,0,0,.24),0 17px 50px 0 rgba(0,0,0,.19);
}
.login-html{
  width:100%;
  height:12%;
  position:absolute;
  padding:50px 40px 510px 63px;
  background:rgba(34, 39, 38, 0.83);
}
.login-html .sign-in-htm,
.login-html .sign-up-htm{
  top:0;
  left:0;
  right:0;
```

```
  bottom:0;
  position:absolute;
  transform:rotateY(180deg);
  backface-visibility:hidden;
  transition:all .4s linear;
}
.login-html .sign-in,
.login-html .sign-up,
.login-form .group .check{
  display:none;
}
.login-html .tab,
.login-form .group .label,
.login-form .group .button{
  text-transform:uppercase;
}
.login-html .tab{
  font-size:25px;
  margin-right:34px;
  padding-bottom:11px;
  margin:1 24px 15px 0;
  display:inline-block;
  border-bottom:9px solid transparent;
}
.login-html .sign-in:checked + .tab,
.login-html .sign-up:checked + .tab{
  color:#d5e2dc;
  border-color:#969eab;
}
.login-form{
  min-height:355px;
  position:relative;
  perspective:1000px;
  transform-style:preserve-3d;
}
.login-form .group{
  margin-bottom:8px;
}
.login-form .group .label,
.login-form .group .input,
.login-form .group .button{
  width:100%;
  color:#121311;
```

```
  display:block;
}
.login-form .group .input,
.login-form .group .button{
  border:none;
  padding:15px 20px;
  border-radius:2px;
  background:rgba(255,255,255,.1);
}
.login-form .group input[data-type="password"]{
  text-security:circle;
  -webkit-text-security:circle;
}
.login-form .group .label{
  color:#3eeac1;
  font-size:17px;
}
.login-form .group .button{
  background:#1bad76;
}
.login-form .group label .icon{
  width:15px;
  height:15px;
  border-radius:5px;
  position:relative;
  display:inline-block;
  background:rgba(255,255,255,.1);
}
.login-form .group label .icon:before,
.login-form .group label .icon:after{
  content:'';
  width:10px;
  height:2px;
  background:#fff;
  position:absolute;
  transition:all .2s ease-in-out 0s;
}
.login-form .group label .icon:before{
  left:3px;
  width:5px;
  bottom:6px;
  transform:scale(0) rotate(0);
}
```

```
.login-form .group label .icon:after{
  top:6px;
  right:0;
  transform:scale(0) rotate(0);
}
.login-form .group .check:checked + label{
  color:#fff;
}
.login-form .group .check:checked + label .icon{
  background:#1161ee;
}
.login-form .group .check:checked + label .icon:before{
  transform:scale(1) rotate(45deg);
}
.login-form .group .check:checked + label .icon:after{
  transform:scale(1) rotate(-45deg);
}
.login-html .sign-in:checked + .tab + .sign-up + .tab + .login-form .sign-in-htm{
  transform:rotate(0);
}
.login-html .sign-up:checked + .tab + .login-form .sign-up-htm{
  transform:rotate(0);
}
.hr{
  height:2px;
  margin:60px 0 50px 0;
  background:rgba(255,255,255,.2);
}
.foot-lnk{
  text-align:center;
}
  </style> </head>
<body>

<p style="text-align:center;font-size: 60px;font-family:cursive;color:black;text-
decoration:underline;border-radius:0.5px">BBMS</p>
<p style="text-align: center;font-size: 20px;font-style:bold;color: black;text-
decoration:underline">Save Life Donate Blood</p>
<div style="color:#0E5138;font-style: bold;text-align:center;"><font
size="4.5"></div>

<div class="login-wrap">
  <div class="login-html">
  <form action="register.php" method="post">
```

```
   <input id="tab-1" type="radio" name="tab" class="sign-in" checked><label
for="tab-1" class="tab">Sign up</label>
   <input id="tab-2" type="radio" name="tab" class="sign-up"><label for="tab-2"
class="tab"></label>

          <div class="login-form">
     <div class="sign-in-htm">
       <div class="group">
         <form action="home.php">
         <label for="user" class="label">Username</label>
         <input id="user" type="text" class="input" name="user">
       </div>
       <div class="group">
         <label for="pass" class="label">Password</label>
<input id="pass" type="password" class="input" data-type="password"
name="pass">
       </div>
        <div class="group">
         <label for="useremail" class="label">Email</label>
         <input id="useremail" type="email" class="input" data-type="email"
name="useremail">
       </div>
        <div class="group">
         <label for="bloodgroup" class="label">Bloodgroup</label>
         <input id="bloodgroup" type="text" class="input" data-type="text"
name="bloodgroup">
       </div>
        <div class="group">
         <label for="gender" class="label">Gender</label>
  <input id="gender" type="text" class="input" data-type="text" name="gender">
       </div>
       <div class="group">
         <input type="submit" class="button" name="sub" value="Sign up">
       </div>
         <div class="group">
           <a href="login.php">Already Registered</a>
       </div>
     </form>
       <div class="footer-left">
       <h3>&copy 2023 BBMS</span>
</h3>
   </body>
     </html>
```

Login

```
<?php
require 'functions/functions.php';
require_once 'connection.php';

if (isset($_SESSION['user'])) {
    header("location:home.php");
}
session_destroy();
session_start();
ob_start();

?>
  <html>
   <head>
         <link rel = "icon" href ="images/logo.png" type = "image/x-icon">
  <style>
  body{
  margin:5%;
  color:#6a6f8c;
  background-image: url("seamless.jpg");
  font:600 16px/18px 'Open Sans',sans-serif;
}
*,:after,:before{box-sizing:border-box}
.clearfix:after,.clearfix:before{content:'';display:table}
.clearfix:after{clear:both;display:block}
a{color:inherit;text-decoration:none}
.button {
  display: flex;
  flex-flow: row wrap;
  align-items: center;
}
.login-wrap{
  width:100%;
  margin:auto;
  max-width:400px;
  min-height:600px;
  position:relative;
  background:url(abc.png) no-repeat center;
  box-shadow:10px 10px 15px 0 rgba(1,0,0,.24),0 17px 50px 0 rgba(0,0,0,.19);
}
```

```
.login-html{
  width:100%;
  height:12%;
  position:absolute;
  padding:100px 40px 500px 63px;
  background:rgba(21, 39, 38, 0.83);}
.login-html .sign-in-htm,
.login-html .sign-up-htm{
  top:0;
  left:0;
  right:0;
  bottom:0;
  position:absolute;
  transform:rotateY(180deg);
  backface-visibility:hidden;
  transition:all .4s linear;
.login-html .sign-in,
.login-html .sign-up,
.login-form .group .check{
  display:none;}
.login-html .tab,
.login-form .group .label,
.login-form .group .button{
  text-transform:uppercase;}
.login-html .tab{
  font-size:25px;
  margin-right:34px;
  padding-bottom:11px;
  margin:1 24px 15px 0;
  display:inline-block;
  border-bottom:9px solid transparent;}
.login-html .sign-in:checked + .tab,
.login-html .sign-up:checked + .tab{
  color:#d5e2dc;
  border-color:#969eab;}
.login-form{
  min-height:355px;
  position:relative;
  perspective:1000px;
  transform-style:preserve-3d;}
.login-form .group{
  margin-bottom:8px;}
.login-form .group .label,
```

```
.login-form .group .input,
.login-form .group .button{
  width:100%;
  color:#121311;
  display:block;
}
.login-form .group .input,
.login-form .group .button{
  border:none;
  padding:15px 20px;
  border-radius:2px;
  background:rgba(255,255,255,.1);}
.login-form .group input[data-type="password"]{
  text-security:circle;
  -webkit-text-security:circle;}
.login-form .group .label{
  color:#3eeac1;
  font-size:17px;}
.login-form .group .button{
  background:#1bad76;}
.login-form .group label .icon{
  width:15px;
  height:15px;
  border-radius:5px;
  position:relative;
  display:inline-block;
  background:rgba(255,255,255,.1);
}
.login-form .group label .icon:before,
.login-form .group label .icon:after{
  content:'';
  width:10px;
  height:2px;
  background:#fff;
  position:absolute;
  transition:all .2s ease-in-out 0s;}
.login-form .group label .icon:before{
  left:3px;
  width:5px;
  bottom:6px;
  transform:scale(0) rotate(0);
}
.login-form .group label .icon:after{
```

```
  top:6px;
  right:0;
  transform:scale(0) rotate(0);
}
.login-form .group .check:checked + label{
  color:#fff;
}
.login-form .group .check:checked + label .icon{
  background:#1161ee;
}
.login-form .group .check:checked + label .icon:before{
  transform:scale(1) rotate(45deg);
}
.login-form .group .check:checked + label .icon:after{
  transform:scale(1) rotate(-45deg);
}
.login-html .sign-in:checked + .tab + .sign-up + .tab + .login-form .sign-in-htm{
  transform:rotate(0);
}
.login-html .sign-up:checked + .tab + .login-form .sign-up-htm{
  transform:rotate(0);
}
.hr{
  height:2px;
  margin:60px 0 50px 0;
  background:rgba(255,255,255,.2);
}
.foot-lnk{
  text-align:center;
}
.logo{
                        color:#663399;
                        font-size:25px;
                        font-family:verdana;
                        text-align:left;
                        margin-top:10px;
                        float:center;
                        margin:10px;
                        line-height:50px;
                        padding-left:15px;
                }
   .header{
                        width:105.5%;
```

```
                        height:60px;
                        background-color:#E6E6FA;
                        margin-top:-74.5px;
                    }
                    .gogte
                        {
            font-family:verdana;
                        text-align:left;
                        margin-top:10px;
                        float:center;
                        margin:10px;
                        line-height:50px;
                        padding-left:15px;
        }
 </style>
  </head>
<body>
                </form>
<p style="text-align: center;font-size: 60px;font-family:cursive;color:black;text-
decoration:underline;border-radius:0.5px">BBMS</p>
<p style="text-align: center;font-size: 20px;font-style:bold;color: black;text-
decoration:underline"></p>
<div style="color:#0E5138;font-style: bold;text-align:center;"><font
size="4.5"></div>
<div class="login-wrap">
  <div class="login-html">
  <form action="" method="post">
    <input id="tab-1" type="radio" name="tab" class="sign-in" checked><label
for="tab-1" class="tab">Login</label>
    <input id="tab-2" type="radio" name="tab" class="sign-up"><label for="tab-2"
class="tab"></label>
          <div class="login-form">
     <div class="sign-in-htm">
       <div class="group">
         <form action="home.php">
         <label for="user" class="label">Username</label>
         <input id="user" type="text" class="input" name="user">
       </div>
       <div class="group">
         <label for="pass" class="label">Password</label> <input id="pass"
type="password" class="input" data-type="password" name="pass">
       </div>
```

```
      <div class="group">
        <input id="check" type="checkbox" class="check" checked>
        <label for="check"><span class="icon"></span> Keep me Signed in</label>
      </div>
      <div class="group">
        <input type="submit" class="button" name="sub" value="Log In">
      </div>
        <div class="group">
          <a href="forgot.php">Forgot Password</a>
    <?php
$user= $pass="";
    if(isset($_POST['sub']))
    {
      $user=$_POST['user'];
      $pass=$_POST['pass'];
   $q=$db-> prepare("SELECT * from login where user='$user' && pass='$pass'");
      $q->execute();
      $res=$q->fetchAll(PDO::FETCH_OBJ);
      if($res)
      {
       $_SESSION['user']=$user;
      header("Location:home.php");
      }
      else
      {
        echo"<script>alert('Wrong email or password')</script>";
      }
        function test_input($data){
          $data=trim($data);
          $data=stripslashes($data);
          $data=htmlspecialchars($data);
          return $data;
        }
    }

    ?>
        <div class="footer-left"><h3></span></h3>
            <div class="hr"></div>
      <div class="foot-lnk">
        <a href="forgot.html"></a>
      </div>
    </div>
```

Request

```
<?php
include 'config.php';
session_start();
if (isset($_POST['request'])) {
  # code...

$fullname=$_POST['fullname'];
$Address=$_POST['Address'];
$bloodgroup=$_POST['bloodgroup'];
$phno=$_POST['phno'];
$unit=$_POST['unit'];
$time=$_POST['bloodtime'];

$query = "INSERT INTO `requestblood`(`id`, `user`, `Address`, `bloodgroup`,
`phno`, `unit`, `time-for-flood`) VALUES
('','$fullname','$Address','$bloodgroup','$phno','$unit','$time')";
  $result = $con->query($query);

  if($result === TRUE){
    echo 'Request has Successfully been Approved';
  ?>
    <meta content="4; blooddetails.php" http-equiv="refresh" />
  <?php
  }
}

?>
       <html>
     <head>
          <link rel="stylesheet" type="text/css" href="css/main.css">

  <title>Request Blood</title>
   </head>
         <body>
  <h2>Send Blood Request</h2>
                  <?php

                      $id=$_SESSION['user'];
                     $ret=mysqli_query($con,"select * from login where user='$id'");

              while($row=mysqli_fetch_array($ret))
              {
?>
```

```
                <hr>
                <form action="" method="post">
                <label>Enter Your Full Name<span>*</span></label><br>
                <input type="text" name="fullname" id="fullname" value="<?php echo
$row['user']; ?>">
                <div class="required"></div>
                <br>

                <!--Last Name-->
                <label>Your Address<span>*</span></label><br>
                <input type="text" name="Address" id="Address">
                <div class="required"></div>
                <br>
                <!--Nickname-->
                <label>Bloodgroup You Want</label><br>
                <input type="text" name="bloodgroup" id="bloodgroup">
                <div class="required"></div>
                <br>
                <label>Your Contact Number<span>*</span></label><br>
                <input type="Number" name="phno" id="phno">
                  <label>Unit<span>*</span></label><br>
                <input type="Number" name="unit" id="unit">
                <div class="required"></div>

                <br>
                <label>Time Of blood need<span>*</span></label><br>
                <input type="text" name="bloodtime" id="bloodtime">
                <div class="required"></div>
<br>
                                <input type="submit" value="Request" name="request">
            </form>
            <?php
          }
            ?>
          </div>
       </div>
    </div>
    <script src="js/main.js"></script>
</body>
</html>

         </body>
    </html>
```

Forgot

```
<?php

require 'functions/functions.php';
require_once 'connection.php';

if (isset($_SESSION['user'])) {
    header("location:home.php");
}
session_destroy();
session_start();
ob_start();

?>
  <html>
   <head>
  <style>
  body{
  margin:5%;
  color:#6a6f8c;
  background-image: url("pqr.jpg");
  font:600 16px/18px 'Open Sans',sans-serif;
}
*,:after,:before{box-sizing:border-box}
.clearfix:after,.clearfix:before{content:'';display:table}
.clearfix:after{clear:both;display:block}
a{color:inherit;text-decoration:none}

.button {
  display: flex;
  flex-flow: row wrap;
  align-items: center;
}
.login-wrap{
  width:100%;
  margin:auto;
  max-width:400px;
  min-height:600px;
  position:relative;
  background:url(abc.png) no-repeat center;
  box-shadow:10px 10px 15px 0 rgba(1,0,0,.24),0 17px 50px 0 rgba(0,0,0,.19);
}
.login-html{
```

```
  width:100%;
  height:12%;
  position:absolute;
  padding:100px 40px 500px 63px;
  background:rgba(21, 39, 38, 0.83);
}
.login-html .sign-in-htm,
.login-html .sign-up-htm{
  top:0;
  left:0;
  right:0;
  bottom:0;
  position:absolute;
  transform:rotateY(180deg);
  backface-visibility:hidden;
  transition:all .4s linear;
}
.login-html .sign-in,
.login-html .sign-up,
.login-form .group .check{
  display:none;
}
.login-html .tab,
.login-form .group .label,
.login-form .group .button{
  text-transform:uppercase;
}
.login-html .tab{
  font-size:25px;
  margin-right:34px;
  padding-bottom:11px;
  margin:1 24px 15px 0;
  display:inline-block;
  border-bottom:9px solid transparent;
}
.login-html .sign-in:checked + .tab,
.login-html .sign-up:checked + .tab{
  color:#d5e2dc;
  border-color:#969eab;
}
.login-form{
  min-height:355px;
  position:relative;
```

```
perspective:1000px;
  transform-style:preserve-3d;
}
.login-form .group{
  margin-bottom:8px;}
.login-form .group .label,
.login-form .group .input,
.login-form .group .button{
  width:100%;
  color:#121311;
  display:block;
}
.login-form .group .input,
.login-form .group .button{
  border:none;
  padding:15px 20px;
  border-radius:2px;
  background:rgba(255,255,255,.1);}
.login-form .group input[data-type="password"]{
  text-security:circle;
  -webkit-text-security:circle;
}
.login-form .group .label{
  color:#3eeac1;
  font-size:17px;
}
.login-form .group .button{
  background:#1bad76;}
.login-form .group label .icon{
  width:15px;
  height:15px;
  border-radius:5px;
  position:relative;
  display:inline-block;
  background:rgba(255,255,255,.1);}
.login-form .group label .icon:before,
.login-form .group label .icon:after{
  content:'';
  width:10px;
  height:2px;
  background:#fff;
  position:absolute;
  transition:all .2s ease-in-out 0s;
```

```
}
.login-form .group label .icon:before{
  left:3px;
  width:5px;
  bottom:6px;
  transform:scale(0) rotate(0);
}
.login-form .group label .icon:after{
  top:6px;
  right:0;
  transform:scale(0) rotate(0);
}
.login-form .group .check:checked + label{
  color:#fff;
}
.login-form .group .check:checked + label .icon{
  background:#1161ee;
}
.login-form .group .check:checked + label .icon:before{
  transform:scale(1) rotate(45deg);
}
.login-form .group .check:checked + label .icon:after{
  transform:scale(1) rotate(-45deg);
}
.login-html .sign-in:checked + .tab + .sign-up + .tab + .login-form .sign-in-htm{
  transform:rotate(0);
}
.login-html .sign-up:checked + .tab + .login-form .sign-up-htm{
  transform:rotate(0);
}
.hr{
  height:2px;
  margin:60px 0 50px 0;
  background:rgba(255,255,255,.2);
}
.foot-lnk{
  text-align:center;
}
.logo{
        color:#663399;
        font-size:25px;
        font-family:verdana;
        text-align:left;
```

```
        margin-top:10px;
        float:center;
        margin:10px;
        line-height:50px;
        padding-left:15px;
      }
   .header{
        width:105.5%;
        height:60px;
        background-color:#E6E6FA;
        margin-top:-74.5px;
      }
      .gogte {
              font-family:verdana;
        text-align:left;
        margin-top:10px;
        float:center;
        margin:10px;
        line-height:50px;
        padding-left:15px;
          }
 </style>
  </head>
<body>
      </form>
<p style="text-align: center;font-size: 60px;font-family:cursive;color:black;text-
decoration:underline;border-radius:0.5px">BBMS</p>
<p style="text-align: center;font-size: 20px;font-style:bold;color: black;text-
decoration:underline"></p>
<div style="color:#0E5138;font-style: bold;text-align:center;"><font
size="4.5"></div>
<div class="login-wrap">
  <div class="login-html">
  <form action="" method="post">
    <input id="tab-1" type="radio" name="tab" class="sign-in" checked><label
for="tab-1" class="tab">Forgot Password</label>
    <input id="tab-2" type="radio" name="tab" class="sign-up"><label for="tab-2"
class="tab"></label>
           <div class="login-form">
      <div class="sign-in-htm">
        <div class="group">
          <form action="home.php">
```

```
        <div class="group"> <label for="useremail" class="label">Email</label>
<input id="useremail" type="email" class="input" data-type="email"
name="useremail">
      </div>
      <div class="group">
        <input type="submit" class="button" name="sub" value="Submit Email">
      </div>
        <div class="group">
          <a href="index.php">Login</a>
      </div>
    </form>
      </div>
    <?php
    $useremail="";
    if(isset($_POST['sub'])){
      $useremail=$_POST['useremail'];
      $q=$db-> prepare("SELECT * from login where useremail='$useremail'");
      $q->execute();
      $res=$q->fetchAll(PDO::FETCH_OBJ);
      if($res){
       $_SESSION['useremail']=$useremail;
      echo"Password reset link has sent to you through email check your mailbox";
      }
      else  {
        echo"Your Email is Not Registered with us";
      }
        function test_input($data){
          $data=trim($data);
          $data=stripslashes($data);
          $data=htmlspecialchars($data);
          return $data;
        }
  }
    ?>
      <div class="footer-left">
      <h3>&copy 2023 BBMS</span></h3>
          <div class="hr"></div>
      <div class="foot-lnk">
        <a href="forgot.html"></a>
      </div>
    </div>
```

Change Password

```
<!DOCTYPE html>
<html>
<head>
        <title>Change Password</title>
        <link rel="stylesheet" type="text/css" href="css/style.css">
</head>
<body>
<form action="changepassword.php" method="post">
        <h4>Change Password</h4><br><br>
        <label>Username</label>
        <input type="text" name="user"><br><br>
        <label>Old Password</label>
        <input type="password" name="pass"><br><br>
        <label>New Password</label>
        <input type="password" name="pass"><br><br>
        <button name="submit">Submit</button>
</form>
   </body>
   </html>
```

```
<?php
session_start();
include 'config.php';
error_reporting(0);
$username = $_POST['user'];
       $password = $_POST['pass'];
       $confirmnewpassword = $_POST['confirmnewpassword'];
       $result = mysql_query("SELECT password login user_info WHERE
      user_id='$user'");
       if(!$result) {
       echo "The username you entered does not exist";  }
       else if($password!= mysql_result($result, 0))     {
       echo "You entered an incorrect password";}
       if($newpassword=$confirmnewpassword)
       $sql=mysql_query("UPDATE user_info SET pass='$newpassword' where
 name='$user'");
       if($sql) {
       echo "Congratulations You have successfully changed your password";   }
      else{
      echo "Passwords do not match";}
     ?>
```

Header

```
<?php

?>

<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">
    <link rel="stylesheet" href="css/bootstrap.min.css">
    <link rel="stylesheet" href="css/styles.css">
    <script src="js/jquery.js"></script>
    <script src="js/bootstrap.min.js"></script>
 <link href="https://fonts.googleapis.com/css?family=Varela+Round"
rel="stylesheet">
        <link rel = "icon" href="images/logo.png"  type = "image/x-icon">
    <title>BBMS</title>

</head>
<body>

    <!-- Navigation bar -->
    <nav class="navbar navbar-inverse">
        <div class="container-fluid container">
            <div class="navbar-header">
                <a class="navbar-brand" href="index.php">
     <img src="images/logo.png" alt="icon" class="logo-icon"/>
 <marquee direction="right"> <b>Blood Bank Management System</b>
     </marquee>
                </a>
            </div>
            <ul class="nav navbar-nav">
                <li class="d”>
                </li>
            </ul>
            <form class="navbar-form navbar-left" action="/action_page.php">
                <div class="input-group">
                        </button>
                    </div>
```

```
        </div>
      </form>
      <ul class="nav navbar-nav navbar-right">
        <?php
          if (isset($_SESSION['login_user']))
    {
            $name = $_SESSION['login_user'];
            $encode = base64_encode($name);
     echo "<li><a href=\"profile.php?id=$encode\"> Welcome, $name </a>
    </li>";
  echo "<li><a href=\"classes/logout.php\">Logout</a>
    </li>";
          }
          Else
          {
            $str = "<li>
                  <a href=\"signup.php\">
        <span class=\"glyphicon glyphicon-user\"></span> Sign Up
                  </a>
                </li>
                <li>
                  <a href=\"login.php\">
    <span class=\"glyphicon glyphicon-log-in\"></span> Login
                  </a>
                <li>
      <a href=\"admin\index.php\">
        <span class=\"glyphicon glyphicon-user\"></span> Admin View
                  </a>
                  </li>
                </li>";
            echo $str;
          }
        ?>
      </ul>
    </div>
  </nav>
  <!-- Navigation Bar Section Ends -->
```

Admin Home

```
<?php
require 'functions/functions.php';
session_start();
// Check whether user is logged on or not
if (!isset($_SESSION['user'])) {
    header("location:index.php");
}
$user = $_SESSION['user'];
session_destroy();
session_start();
$_SESSION['user'] = $user;
ob_start();

$conn = connect();
?>

<!DOCTYPE>
<html>
<head>
<title>Admin Home</title>
       <link rel = "icon" href =
"images/logo.png"
        type = "image/x-icon">
  <style type="text/css">
<style>

          body
          {
          margin: 0;
          padding: 0;
          color:red;
          background-image:url("seamless.jpg");
}
ul
{
          list-style-type: none;
          background-color: red;
          height: 40px;
          width:94%;

}
```

```
a
{
	text-decoration: none;
	font-size: 25px;
	color:white;
	position: relative;
	top: 4px;
}
li
{
	display: inline;
	font-style: 15px;
	padding: 38px;
	margin-left: 20	px;
	position: relative;
	left: 70px;
}
p
{
	text-align: justify;
	max-width: 1600px;
	max-height: 80px;
	position: absolute;
	left: 60px;
	font-size: 20px;
	top: 350px;
	margin-left: 60px;
}
h6
{
	position: relative;
	top: 180px;
	left:60px;
	font-size: 20px;
	margin-left: 95px;
}
.bloodquery
{
	position: relative;
	top:160px;
	left: 60px;
	font-size: 20px;
	margin-left: 95px;
```

```
}
  .carousel-inner > .item > img,
  .carousel-inner > .item > a > img {
      width: 70%;
      margin: auto;
      }
        .carousel-inner > .item > img,
  .carousel-inner > .item > a > img {
      width: 50%;
      margin: auto;
  }
.ongoingcamps
{
        position: relative;
        top: 180px;
        left: 60px;
        font-size: 20px;
        margin-left: 95px;
}
.saap{
        position: relative;
        top:160px;
        left: 60px;
        font-size: 20px;
        margin-left:40px;
        color:black;
}

footer{
        position: relative;
        bottom: 10;
}
@media (max-height:100px){
        footer { position: static; }
        header { padding-top:20px; }
}
.footer-distributed{
        background-color: #2c292f;
        box-sizing: border-box;
        width: 100%;
        text-align: left;
        font: bold 16px sans-serif;
   padding: 20px 20px 20px 20px
```

```
        margin-top:100px;
        height:220px;
}

.footer-distributed .footer-left,
.footer-distributed .footer-center,
.footer-distributed .footer-right{
        display: inline-block;
        vertical-align: bottom;
}

.footer-distributed .footer-left{
        width: 100%;
        height:100px;
}

.footer-distributed h3{
        color:  #ffffff;
        font: normal 36px 'Cookie', cursive;
        margin: 0;
}

.footer-distributed .footer-left img{
        width: 30%;
        height:20px;
}
.footer-distributed h3 span{
        color:  #e0ac1c;
}
.footer-distributed .footer-links{
        color:  #ffffff;
        margin: 20px 0 12px;
}
.footer-distributed .footer-links a{
        display:inline-block;
        line-height: 1.8;
        text-decoration: none;
        color:  inherit;
}
.footer-distributed .footer-company-name{
        color:  #8f9296;
        font-size: 10px;
        font-weight: normal;
```

```
        margin: 0;
  }
.footer-distributed .footer-center{
        width: 30%;
        height: 20px;
 }
.footer-distributed .footer-center
{
        background-color:#33383b;
        color: #ffffff;
        font-size: 25px;
        width: 10px;
        height: 10px;
        border-radius: 50%;
        text-align: center;
        line-height: 20px;
        margin: 10px 15px;
        vertical-align: middle;
        }
.footer-distributed .footer-center i.fa-envelope{
        font-size: 17px;
        line-height: 20px;
 }
.footer-distributed .footer-center p{
        display: inline-block;
        color: #ffffff;
        vertical-align: middle;
        margin:0;
}
 .footer-distributed .footer-center p span{
        display:block;
        font-weight: normal;
        font-size:14px;
        line-height:20px;
 }
.footer-distributed .footer-center p a{
        color:  #e0ac1c;
        text-decoration: none;;
}

.footer-distributed .footer-right{
        width: 30%;
```

```
.footer-distributed .footer-company-about{
	line-height: 20px;
	color:  #92999f;
	font-size: 13px;
	font-weight: normal;
	margin: 0;
}
.footer-distributed .footer-company-about span{
	display: block;
	color:  #ffffff;
	font-size: 18px;
	font-weight: bold;
	margin-bottom: 20px;
}
.footer-distributed .footer-icons{
	margin-top: 25px;
}
 1
.footer-distributed .footer-icons a{
	display: inline-block;
	width: 35px;
	height: 35px;
	cursor: pointer;
	background-color:  #33383b;
	border-radius: 2px;

	font-size: 20px;
	color: #ffffff;
	text-align: center;
	line-height: 35px;

	margin-right: 3px;
	margin-bottom: 5px;
}
.footer-distributed .footer-left,
	.footer-distributed .footer-center,
	.footer-distributed .footer-right{
		display: block;
		width: 100%;
		margin-bottom: 40px;
		text-align: center;
	}
	.footer-distributed .footer-center i
```

```
{
                margin-left: 0;
        }
}
</style>
</head>

<body>

  <div>

<p style="text-align:center;font-size:40px;font-family:cursive;color:white;text-
decoration:underline;border-radius:0.5px;margin-left:585px;margin-top:-
342">Welcome Admin</p>
<img src="abcd.jpeg" alt="" height="450px" width="1730px">

<ul>

<li><a href="user.php" style="font-size:25px">Users LoggedIn Details</a></li>
<li><a href="bloodupdate.php" style="font-size:25px">Update Blood Details For
User</a></li>
<li><a href="camps.html" style="font-size:25px">Update Camps details for
donar</a></li>
<li><a href="viewrequest.php"style="font-size:25px">See Who Request for
Blood</a></li>
<li><a href="logout.php"style="font-size:25px">Logout</a></li>
</ul>

<p style="color:red;font-style: italic;margin-top:180px;"> <font size="6">Blood is
universally recognized as the most precious elements that sustain life. It saves
innumerable lives across the world in a variety of condition. The need of blood is
great- on any given day, approximately 39,000 units of Red blood cells are needed.
More than 29 million units of blood component are transfused every year. Donate
Blood Despite the increase in the number of donors, blood remains in short supply
during emergencies, mainly attributed to lack of information and accessibility. We
positively belive this tool can overcome most of these challenges by effectively
connecting the blood donors with blood recipients. </font></p>
<br>

<div class="bloodquery">

</div>
</body>
</html>
```

Code For SQL

```
-- phpMyAdmin SQL Dump
-- version 5.1.0
-- https://www.phpmyadmin.net/
-- Host: 127.0.0.1
-- Generation Time: May 19, 2023 at 07:25 AM
-- Server version: 10.4.19-MariaDB
-- PHP Version: 7.3.28

SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

/*!40101 SET
@OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101
SET@OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS
*/;
/*!40101
SET@OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!40101 SET NAMES utf8mb4 */;

-- Database: `bloodbank`
-- --------------------------------------------------------
--
-- Table structure for table `admin`
--
CREATE TABLE `admin` (
  `user` varchar(50) NOT NULL,
  `pass` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
--
-- Dumping data for table `admin`
--
INSERT INTO `admin` (`user`, `pass`) VALUES
('admin', 'admin');
-- --------------------------------------------------------
--
-- Table structure for table `bloodgroup`
--
CREATE TABLE `bloodgroup` (
  `bloodid` int(10) NOT NULL,
  `Bloodname` varchar(50) NOT NULL,
  `Availibility` varchar(50) NOT NULL,
```

```
 `unit` int(5) NOT NULL,
  `hospital` varchar(50) NOT NULL
)
 ENGINE=InnoDB DEFAULT CHARSET=latin1;
--
-- Dumping data for table `bloodgroup`
--
INSERT INTO `bloodgroup` (`bloodid`, `Bloodname`, `Availibility`, `unit`,
`hospital`) VALUES
(2, 'AB', 'yes', 2, 'RN Hospital'),
(3, 'B+', 'yes', 3, 'CV Hospital'),
(4, 'O+', 'yes', 3, 'NR Hospital'),
(5, 'B+', 'YES', 3, 'Saptagiri'),
(6, 'O-', 'YES', 1, ''),
(7, 'AB+', 'yes', 1, 'max'),
(8, 'AB+', 'yes', 5, 'sura'),
(9, 'AB+', 'yes', 2, 'nr');
-- --------------------------------------------------------
--
-- Table structure for table `camps`
--
CREATE TABLE `camps` (
  `hospital` varchar(500) NOT NULL,
  `address` varchar(500) NOT NULL,
  `city` varchar(100) NOT NULL,
  `contact` int(10) NOT NULL,
  `date` date NOT NULL,
  `time` time NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
--
-- Dumping data for table `camps`
--
INSERT INTO `camps` (`hospital`, `address`, `city`, `contact`, `date`, `time`)
VALUES
('RIMS', 'MANIPUR', 'IMPHAL', 9996345609, '2023-05-08', '09:00:00'),

('Saptagiri', 'Banglore', 'Banglore', 8567896540, '2023-02-21', '06:00:00');
-- --------------------------------------------------------
--
-- Table structure for table `donate`
--
CREATE TABLE `donate` (
  `id` int(50) NOT NULL,
```

```
 `fullname` varchar(50) NOT NULL,
  `age` int(50) NOT NULL,
  `bloodgroup` varchar(50) NOT NULL,
  `city` varchar(50) NOT NULL,
  `phno` int(10) NOT NULL,
  `gender` varchar(50) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;
--
-- Dumping data for table `donate`
--
INSERT INTO `donate` (`id`, `fullname`, `age`, `bloodgroup`, `city`, `phno`,
`gender`) VALUES
(1, 'Salman Khan', 21, 'AB+', 'bangalore', 9012311232, 'Male'),
(2, 'kk', 50, 'A+', 'delhi', 9814748364, 'Male');
-- --------------------------------------------------------
-- Table structure for table `login`
--
CREATE TABLE `login` (
  `ID` int(10) NOT NULL,
  `user` varchar(50) NOT NULL,
  `pass` varchar(50) NOT NULL,
  `useremail` varchar(50) NOT NULL,
  `bloodgroup` varchar(4) NOT NULL,
  `gender` varchar(6) NOT NULL,
  `massage` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=latin1;

--
-- Dumping data for table `login`
--
INSERT INTO `login` (`ID`, `user`, `pass`, `useremail`, `bloodgroup`, `gender`,
`massage`) VALUES
(1, 'abz', 'abzabz', 'abz@gmail.com', 'O+', 'Male', ''),
(4, 'manzil', 'destiny', 'manzil@gmail.com', 'AB-', 'Male', ''),
(2, 'monika', 'rainee', 'monika@gmail.com', 'AB+', 'female', ''),

(5, 'ram', '123', 'ram@gmail.com', 'a', 'Male', ''),
(3, 'Salman Khan', 'sumeet73', 'salman@yahoo.com', 'O+', 'male', '');
-- --------------------------------------------------------
-- Table structure for table `requestblood`
--
CREATE TABLE `requestblood` (
  `id` int(50) NOT NULL,
```

```
  `user` varchar(30) DEFAULT NULL,
  `Address` varchar(100) NOT NULL,
  `bloodgroup` varchar(100) NOT NULL,
  `phno` int(100) NOT NULL,
  `unit` int(100) NOT NULL,
  `time-for-flood` varchar(10) NOT NULL,
  `time` timestamp(6) NOT NULL DEFAULT current_timestamp(6),
  `message` varchar(500) NOT NULL

) ENGINE=InnoDB DEFAULT CHARSET=latin1;
--
-- Dumping data for table `requestblood`
--
INSERT INTO `requestblood` (`id`, `user`, `Address`, `bloodgroup`, `phno`, `unit`,
`time-for-flood`, `time`, `message`) VALUES
(14, 'manzil', 'Rithala', 'AB-', 9898989808, 1, 'within 3 d', '2023-04-24
12:53:32.977904', 'hello your request have beeen approved by our team.Your
desired blood will be inform to you within your given time.Our team will perform
the best they can to reach you to your nearest hospital.Thnaks');
--
-- Indexes for dumped tables
--
--
-- Indexes for table `bloodgroup`
--
ALTER TABLE `bloodgroup`
  ADD PRIMARY KEY (`bloodid`);

--
-- Indexes for table `camps`
--
ALTER TABLE `camps`
  ADD PRIMARY KEY (`hospital`);

--

-- Indexes for table `donate`
--
ALTER TABLE `donate`
  ADD PRIMARY KEY (`id`,`fullname`);
--
-- Indexes for table `login`
--
```

```
ALTER TABLE `login`
  ADD PRIMARY KEY (`user`,`useremail`),
  ADD KEY `ID` (`ID`);
--
-- Indexes for table `requestblood`
--
ALTER TABLE `requestblood`
  ADD UNIQUE KEY `id` (`id`),
  ADD KEY `user` (`user`);
--
-- AUTO_INCREMENT for dumped tables
--
-- AUTO_INCREMENT for table `bloodgroup`
--
ALTER TABLE `bloodgroup`
  MODIFY `bloodid` int(10) NOT NULL AUTO_INCREMENT,
AUTO_INCREMENT=10;
--
-- AUTO_INCREMENT for table `donate`
--
ALTER TABLE `donate`
  MODIFY `id` int(50) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=3;
--
-- AUTO_INCREMENT for table `login`
--
ALTER TABLE `login`
  MODIFY `ID` int(10) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;

--
-- AUTO_INCREMENT for table `requestblood`
--
ALTER TABLE `requestblood`
  MODIFY `id` int(50) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=15;
COMMIT;

/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT
*/;

/*!40101 SET
CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;

/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION
*/;
```

SYSTEM TESTING

System testing is the stage before system implementation where the system is made error free and all the needed modifications are made. The system was tested with test data and necessary corrections to the system were carried out. All the reports were checked by the user and approved. The system was very user friendly with online help to assist the user wherever necessary.

Test Plan:

A test plan is a general document for the entire project, which defines the scope, approach to be taken, and schedule of testing, as well as identifying the test item for the entire testing process, and the personal responsible for the different activities of testing. This document describes the plan for testing, the knowledge management tool.

Major testing activities are:

- Test units
- Features to be tested
- Approach for testing
- Test deliverables
- Schedule
- Personal allocation

Test units:

Test Case specification is major activity in the testing process. In this project, I have performed two levels of testing.

- Unit testing
- System testing

The basic units in Unit testing are:

- Validating the user request
- Validating the input given by the user
- Exception handling

The basic units in System testing are:

- Integration of all programs is correct or not
- Checking whether the entire system after integrating is working as expected.
- The system is tested as whole after the unit testing.

Other Testing Strategies :

White Box Testing :

In this technique , the close examination of the logical parts through the software are tested by cases that exercise species sets of conditions or loops.all logical parts of the software checked once. errors that can be corrected using this technique are typographical errors , logical expressions which should be executed once may be getting executed more than once and error resulting by using wrong controls and loops . When the box testing tests all the independent part within a module a logical decisions on their true and the false side are exercised , all loops and bounds within their operational bounds were exercised and internal data structure to ensure their validity were exercised once.

Black Box Testing :

This method enables the software engineer to device sets of input techniques that fully exercise all functional requirements for a program . black box testing tests the input, the output and the external data . it checks whether the input data is correct and whether we are getting the desired output.

Alpha Testing :

Acceptance testing is also sometimes called alpha testing. Be spoke systems are developed for a single User. The alpha testing proceeds until the system developer and the user agree that the provided system is an acceptable implementation of the system requirements.

Beta Testing :

On the other hand, when a system is to be marked as a software product, another process called beta testing is often conducted . During beta testing , a system is delivered among a number of potential users who agree to use It . The customers then report problems to the developers. This provides the product for real use and detects errors which may not have been anticipated by the system developers.

Test deliverables:

The following documents are required besides the test plan

- Unit test report for each unit
- Test case specification for system testing
- The report for system testing
- Error report

The test case specification for system testing has to be submitted for review before the system testing commences.

Limitations of the Project

Although I have put my best efforts to make the software flexible, easy to operate but limitations cannot be ruled out even by me. Though the software presents a broad range of options to its users some intricate options could not be covered into it; partly because of logistic and partly due to lack of sophistication. Paucity of time was also major constraint, thus it was not possible to make the software foolproof and dynamic. Lack of time also compelled me to ignore some part such as storing old result of the candidate etc.

Some of the main limitations of the project are as follows:

- The system does not support languages other than English language.
- The size of the database increases day-by-day, increasing the load on the database back up and data maintenance activity.
- The system is only accessible when the internet is available.
- The system cannot be receive or donate blood online.
- Currently, the feature of online payment is not available. Users cannot give payment online.
- As it is a website so we cannot help donor to reach to patient.

Advantages

- Patients can access the availability of blood units in blood banks by using this website.
- Minimizes the efforts of the patient to find a donor in time.
- Alert mechanism for regular donors.
- Helps both donor and patient to keep record of their health.
- As we have the contact numbers of the donors we can contact whenever necessary comes.

Achievements of the Project

- Donors and Patients can create accounts on the system through registration.
- System Administrator can manage the users request.
- To bridge the gap between blood banks, hospitals, volunteer donors and needy people, through this system donor can view the campus available and go there for the donation.
- To facilitate the search process for needy people and make it easier than before.
- To reduce the data entry process.

Conclusion

This project has given me an ample opportunity to design, code, test and implements an website. This has helped in putting into practice of various Software Engineering principles and Database Management concepts like maintaining integrity and consistency of data. Further, this has helped me to learn more about HTML, Java Script, CSS , PHP, MySQL and Xampp.

With the theoretical leaning of our syllabus it becomes very essential to take the advantage of any opportunity of gaining practical experience that comes along. The building blocks of this Major Project ”**BLOOD BANK Management System**” was one of these opportunities. It gave us the requisite practical knowledge to supplement the already taught theoretical concepts thus making us more competent as a computer engineer.

The project from a personal point of view also helped us in understanding the following aspects of project development:

- The planning that goes into implementing a project.
- The importance of proper planning and an organized methodology.
- The key element of team spirit and co-ordination in a successful project.

The project also provided us the opportunity of interacting with our teachers and to gain from their best experience.

REFERENCES

Websites :

- www.google.com
- www.youtube.com
- www.wikipedia.org
- www.tutorialspoint.com
- https://www.w3schools.com
- https://en.wikipedia.org/wiki/Blood_type
- https://en.wikipedia.org/wiki/Rh_blood_group_system
- https://www.blood.co.uk/the-donation-process/further-information/tests-we-carry-out/
- www.bloodbankservices.com
- www.php.net/
- http://www.bharatbloodbank.com