

# **VISVESVARAYA TECHNOLOGICAL UNIVERSITY**

**JnanaSangama, Belgaum-590014**



## **A Web Technology Mini Project Report**

**On**

## **“BLOOD BANK MANAGEMENT SYSTEM”**

**Submitted in Partial fulfillment of the Requirements for the VII Semester of the Degree of**

**Bachelor of Engineering**

**In**

**Computer Science & Engineering**

**By**

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**Mrs.Deepika R**

**Asst. Professor, Dept. of CSE**



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Bengaluru-560061**

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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**



**CERTIFICATE**

Certified that the Web Mini Project work entitled **“BLOOD BANK MANAGEMENT SYSTEM”** has been carried out By **MEGHANA G (1CE17CS059), KAVYASHREE S B(1CE17CS050)**, bonafide students of City Engineering College in partial fulfilment for the award of **Bachelor of Engineering in Computer Science and Engineering** of the Visveshvaraya Technological University, Belgaum during the year **2020-2021**. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The Web Mini Project Report has been approved as it satisfies the academic requirements in respect of project work prescribed for the said Degree.

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External Viva

Name of the examiners

Signature with date

1.

2.

# **ABSTRACT**

Blood Bank Management System (BBMS) is a browser based system that is designed to store, process, retrieve and analyze information concerned with the administrative and inventory management within a blood bank. This project aims at maintaining all the information pertaining to blood donors, different blood groups available in each blood bank and help them manage in a better way. Aim is to provide transparency in this field, make the process of obtaining blood from a blood bank hassle free and corruption free and make the system of blood bank management effective. Our client is not interested in blood stocking instead we are stocking blood donors information. The donors who are interested in donating blood has to register in the database. There is no storage of blood so no complications in the project. The software is fully integrated with CRM (customer relationship management) as well as CMS (content management system) solution. It is developed in a manner that is easily manageable, time saving and relieving one from manual works. The requirement of the blood has to be requested and we supply the information of the donor.

# ACKNOWLEDGEMENT

While presenting this WEB Mini Project on “**Blood Bank Management System**”, we feel that it is our duty to acknowledge the help rendered to us by various persons.

Firstly we thank God for showering his blessings on us. We are grateful to our institution City Engineering College for providing us an congenial atmosphere to carry out the project successfully.

We would like to express our heartfelt gratitude to **Dr.V S Ramamurthy**, Principal, CEC, Bangalore, for extending his support.

We would like to express our heartfelt gratitude to **Prof. Vivekavardhana Reddy**, HOD, Computer Science and Engineering whose guidance and support was truly invaluable.

We are very grateful to our guide, **Mrs. Deepika R** Asst. Prof, Department of Computer Science, for her able guidance and valuable advice at every stage of our project which helped me in the successful completion of our project.

We would also have indebted to our Parent and Friends for their continued moral and material support throughout the course of project and helping me in finalize the presentation.

Our heartly thanks to all those who have contributed bits, bytes and words to accomplish this project.

**KAVYASHREE S B(1CE17CS050)**

**MEGHANA G(1CE17CS059)**

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## Chapter-1

# INTRODUCTION

Every year our nation requires about 4 Cr. units of blood, out of which only 5 Lakh units of blood are available. It is not that, people do not want to donate blood. Often they are unaware of the need and also they do not have a proper facility to enquire about it. As a result, needy people end up going through a lot of pain. India has many blood banks, all-functioning in a decentralized fashion. Blood bank is a place where blood bag that is collected from blood donation events is stored in one place. The term “blood bank” refers to a division of a hospital laboratory where the storage of blood product occurs and where proper testing is performed to reduce the risk of transfusion related events.

In our project there is a login page for the donors where they can register to this management, change their password, update their profile, and see all have helped in donating blood, if there is any requests for blood. There are details on the camps that are carried out, and the units of blood donated. People can search for the required blood group which is required and get the information of the person who has donated the blood.

## Features

- Blood Donation Camp & Camp Organiser Management.
- Donor Management - Donor Registration, Managing donor database, recording their physical and medical statistics.
- Inventory management in blood bank for storage and issuance of blood.
- Blood requisition and issuance of blood.
- Being a web based system, can be implemented throughout the state. - - Separate user accounts can be created for each blood bank.
- List of Donors who are eligible for donation on a particular date with contact Number.
- Camp Wise Donor List, making requests for the blood, searching for the required blood that is needed.

## 1.1 BACKEND: MYSQL

**MYSQL** is very fast, easy to use RDBMS being used for many small and big businesses. It is becoming so popular because of many reasons those are that it is released under an open source license. So, you can have nothing to pay to use it. It is very powerful program in its own way.

## Objectives

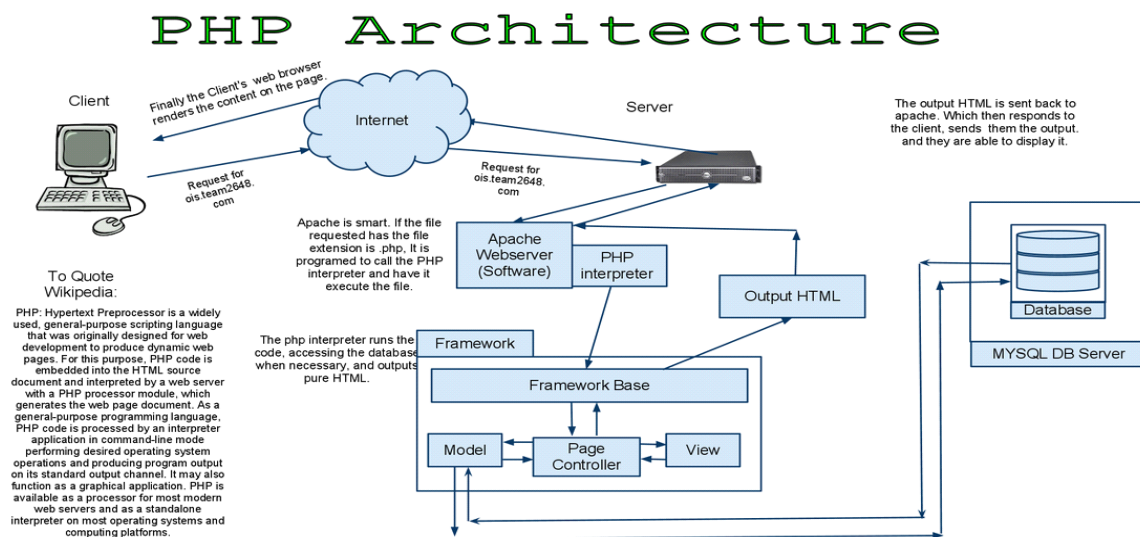
- The main objectives of this project work are that:
- The admin can see and access the sales report.

- This also will reduce the manual work of the persons in admin panel.
- It helps the admin to know the number of products that are there in pharmacy.
- Admin can see sales report and medicine stocks and manage it.
- To know the item available in stock.
- To ensure that the stock is well maintained.

## 1.2 MIDDLEWARE: PHP

**PHP** is a server-side scripting language designed primarily for web development but also used as a general-purpose programming language. Originally created by Rasmus Lerdorf in 1994, the PHP reference implementation is now produced by The PHP Development Team. PHP originally stood for Personal Home Page, but it now stands for the recursive acronym PHP: Hypertext Preprocessor. PHP code may be embedded into HTML or HTML5 markup, or it can be used in combination with various web template systems, web content management systems and web frameworks. PHP code is usually processed by a PHP interpreter implemented as a module in the web server or as a Common Gateway Interface (CGI) executable. The web server software combines the results of the interpreted and executed PHP code, which may be any type of data,

including images, with the generated web page. PHP code may also be executed with a command-line interface (CLI) and can be used to implement standalone graphical applications.



In this project the PHP contents is connected by Apache server to MYSQL. The connection is provided by XAMPP software.

**XAMPP** is a free and open source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, database, and interpreters for scripts written in the PHP and Perl programming languages. XAMPP stands for Cross-Platform (X), Apache (A), MariaDB (M), PHP (P) and Perl (P). It is a simple, lightweight Apache distribution that makes it extremely easy for developers to create



a local web server for testing and deployment purposes. Everything needed to set up a web server – server application (Apache), database (MariaDB), and scripting language (PHP) – is included in an extractable file. XAMPP is also cross-platform, which means it works equally well on Linux, Mac and Windows. Since most actual web server deployments use the same components as XAMPP, it makes transitioning from a local test server to a live server extremely easy as well.

### **Working with XAMPP:**

If you often want to access only a subset of your data that can be well defined by a filter condition, you can define a query. This is basically a name for the new view at the filtered data. You open the query and see the current data in the table layout that you defined.

As we are using XAMPP, so the queries are done in the web pages like list some stored contents or insert or delete.

The XAMPP comes with Apache server, we need to start the server by clicking on the “start” button, and for the sql click on “start” button , as the both are in running state now you can use the web page to add/view/delete data.

## **1.3 FRONTEND**

**Hypertext Markup Language (HTML)** is the standard markup language for creating web pages and web applications. Web browsers receive HTML documents from a web server or from local storage and render them into multimedia web pages.

**CSS: Cascading Style Sheets (CSS)** is a style sheet language used for describing the presentation of a document written in a markup language.

**JAVASCRIPT: JavaScript** often abbreviated as **JS**, is a high-level, dynamic, weakly typed, prototype-based, multi-paradigm, and interpreted programming language. Alongside HTML and CSS, JavaScript is one of the three core technologies of World Wide Web content production.

## **REQUIRMENT ANALYSIS**

### **2.1 HARDWARE REQUIRMENTS**

- Processor: Intel core
- Memory: 8GB RAM
- Hard disc: 1TB

### **2.2 SOFTWARE REQUIRMENTS**

- Operating System: Windows 10
- Language Used: PHP 5.6
- Database: MySQL
- User Interface Design: HTML, JAVASCRIPT
- Software: XAMPP

## SOFTWARE REQUIREMENT SPECIFICATION

### 3.1 DATA FLOW DIAGRAM

Also known as DFD, Data flow diagrams are used to graphically represent the flow of data in a business information system. DFD describes the processes that are involved in a system to transfer data from the input to the file storage and reports generation. Data flow diagrams can be divided into logical and physical. The logical data flow diagram describes flow of data through a system to perform certain functionality of a business. The physical data flow diagram describes the implementation of the logical data flow.

DFD has often been used due to the following reasons:

- Logical information flow of the system
- Determination of physical system construction requirements
- Simplicity of notation
- Establishment of manual and automated systems requirements

#### 3.1.1 DATA FLOW DIAGRAM FOR ADMIN LOGIN

After entering to the home page of the website, admin can choose the ADMIN LOGIN option where they are asked to enter username and password and if/she is a valid user then login page would be displayed.

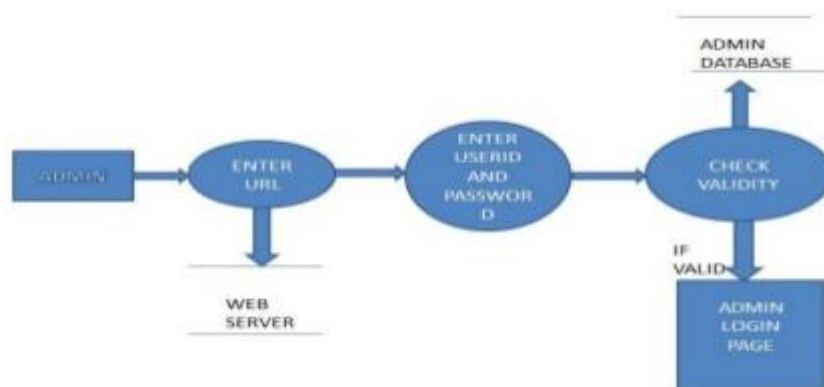


Figure 3.1: Data Flow Diagram for Admin Login

#### 3.1.2 DATA FLOW DIAGRAM FOR USER LOGIN

After entering to the home page of the website, user can choose the USER LOGIN option where they are asked to enter username and password and if/she is a valid user then login page would be displayed.

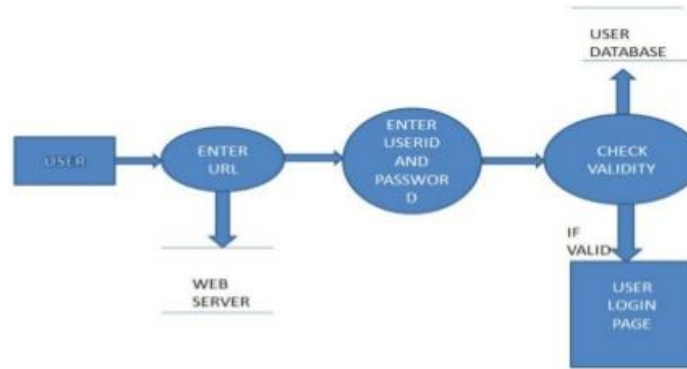


Figure 3.2: Data Flow Diagram for User Login

### 3.1.3 DATA FLOW DIAGRAM FOR BLOOD DONATION PROCESS

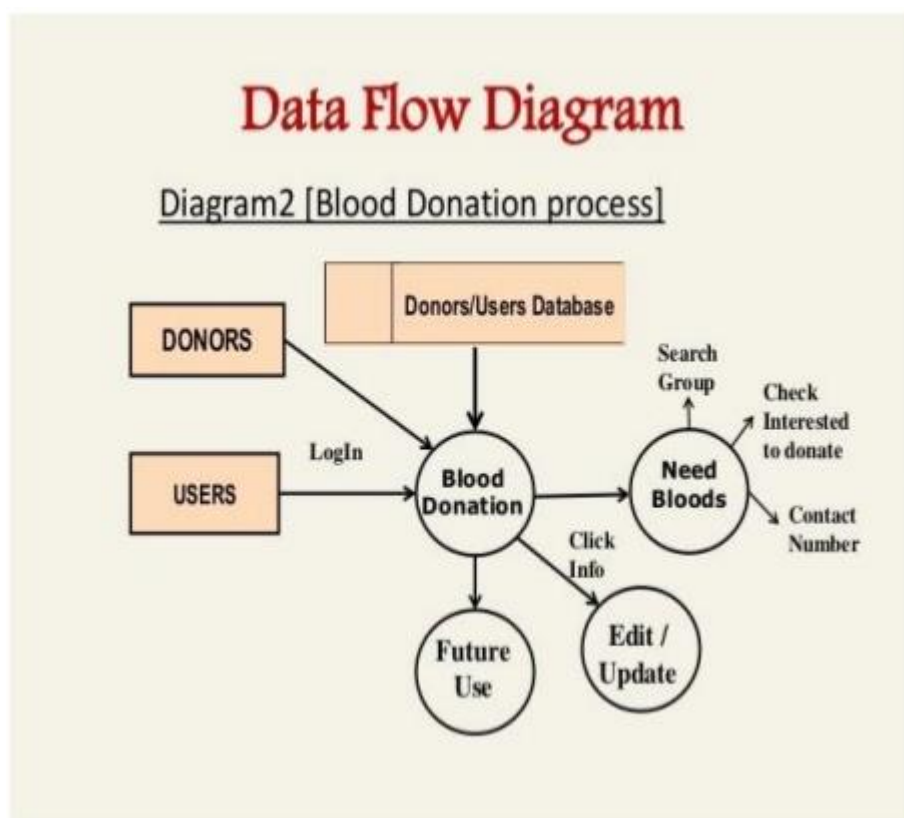


Figure 3.3: Data Flow Diagram for Blood donation process

## IMPLEMENTATION

### 4.1 FRONT PAGE CODE

#### 4.1.1 Index

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />

<title>Blood bank Management System</title>

<link href="css/lightbox.css" rel="stylesheet" />

<link href="StyleSheet.css" rel="stylesheet" type="text/css" />

<link href='http://fonts.googleapis.com/css?family=Source+Sans+Pro' rel='stylesheet' type='text/css'>

<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />

<!--slider-->

<link href="css/flexslider.css" rel="stylesheet" type="text/css" media="all" />

<script src="js/jquery-1.11.0.min.js"></script>

<script src="js/lightbox.min.js"></script>

<script src="js/jquery-1.7.1.min.js" type="text/javascript"></script>

<script src="js/jquery.flexslider.js" type="text/javascript"></script>

<script type="text/javascript">

    $(function () {

        SyntaxHighlighter.all();

    });

    $(window).load(function () {

        $('flexslider').flexslider({
```

```

        animation: "slide",

        animationLoop: false,

        itemWidth: 210,

        itemMargin: 5,

        minItems: 2,

        maxItems: 4,

        start: function (slider) {

            $('body').removeClass('loading');

        }

    });

});

</script>

</head>

<body>

<div class="h_bg">

<div class="wrap">

<div class="header">

        <div class="logo">

                <h1><a href="index.php"></a></h1>

        </div></div></div></div>

<div class="nav_bg">

<div class="wrap">

        <?php require('header.php');?></div> <div>

<div class="h_btm_bg">

<div class="wrap">

<div class="h_btm">

```

```
<div class="header-para">
```

```
    
```

```
    <p>Blood is universally recognized as the most precious element that sustains life. It saves
innumerable lives across the world in a variety of conditions. The need for blood is great - on any given day,
approximately 39,000 units of Red Blood Cells are needed. More than 29 million units of blood components
are transfused every year.
```

```
Donate Blood
```

```
Despite the increase in the number of donors, blood remains in short supply during emergencies, mainly
attributed to the lack of information and accessibility.
```

```
We positively believe this tool can overcome most of these challenges by effectively connecting the blood
donors with the blood recipients.</p>
```

```
    </div> <div class="clear"></div>
```

```
</div></div></div>
```

```
<div class="s_bg">
```

```
<div class="wrap">
```

```
<div class="main_cont">
```

```
<section class="slider">
```

```
    <div class="flexslider carousel">
```

```
        <ul class="slides">
```

```
            <li>
```

```
                
```

```
            </li>
```

```
            <li>
```

```
                
```

```
            </li>
```

```
            <li>
```

```
                
```

```
<li>



</li>

<li>



</li>

<li>



</li>

<li>



</li>

<li>



</li>

</ul>

</div>

</section>

<div class="ribben">

<div class="l-triangle-top"></div>

<div class="l-triangle-bottom"></div>

<div class="rectangle"></div>

<div class="r-triangle-top"></div>

<div class="r-triangle-bottom"></div>

<div class="clear"></div>
```



</div>

<div class="main">

<div class="content">

<h4>Blood bank:</h4>

<p>We welcome you to in our WebSite. If you are a donor , We appreciate you <a href="index1.php">signing up</a> online as a Donor. If you need blood we are happy to serve you. This blood donor list is hosted by <a href="index.php">www.lifesaver.com</a> on behalf of "Life Saver Blood Bank"

as a public service without any profit motive.This is a free service. While the Organisers have taken all steps to obtain accurate and up-to-date information of potential blood donors,

the Organisers and ICM Computers do not guarantee accuracy of the information contained herein or the suitability of the persons listed as any liability for direct or consequential damage to any person using this blood donor list including

loss of life or damage due to infection of any nature arising out of blood transfusion from persons whose names have been listed in this website.

We request donors to update contact details regularly.</p>

</div>

<div class="sidebar">

<h2>Latest News</h2>

<div class="blog\_posts">

<marquee direction="up" scrolldelay="300"><table >

<tr><td>

<div class="blog\_desc">

<div class="blog\_heading">

<span style="font-weight:bold"><b>HDFC Bank sets Guinness record in blood collection</b></span>

<p>The blood donation camp organised by HDFC Bank on December 6, 2013 involving 61,902 participants has found a place in Guinness Book of Records as the largest such drive on a single day</p></span>

</div><br />

**World Blood Donor Day: Poor health reduces women blood donors in India**

While the overall number of blood donors in India has grown over the years, women constitute only a tiny 10 percent share owing to health problems like pernicious anaemia and low haemoglobin levels or being underweight

[Home](index.php)

[Donor](donar.php)

[log In](login.php)

[About](aboutus.php)

[Contact Us](contact.php)

© All Rights Reserved

```
<div class="clear"></div>
```

```
</div></div></div>
```

```
</body>
```

```
</html>
```

### 4.1.2 Login

```
<?php session_start(); ?>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
```

```
<title>Blood bank Management System</title>
```

```
<link href="css/lightbox.css" rel="stylesheet" />
```

```
<link href="StyleSheet.css" rel="stylesheet" type="text/css" /><link
href="http://fonts.googleapis.com/css?family=Source+Sans+Pro" rel="stylesheet" type="text/css">
```

```
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
```

```
<!--slider-->
```

```
<link href="css/flexslider.css" rel="stylesheet" type="text/css" media="all" />
```

```
<script src="js/jquery-1.11.0.min.js"></script>
```

```
<script src="js/lightbox.min.js"></script>
```

```
<script src="js/jquery-1.7.1.min.js" type="text/javascript"></script>
```

```
<script src="js/jquery.flexslider.js" type="text/javascript"></script>
```

```
<script type="text/javascript">
```

```
$(function () {
```

```
    SyntaxHighlighter.all();
```

```
});
```

```
$(window).load(function () {
```

```
    $('flexslider').flexslider({
```

```
        animation: "slide",
```

```
        animationLoop: false,
```

```
        itemWidth: 210,
```

```
        itemMargin: 5,
```

```
        minItems: 2,
```

```

maxItems: 4,

    start: function (slider) {
        $('body').removeClass('loading');
    }
});

});
</script>
</head>
<body>
<?php include('admin/function.php'); ?><div class="h_bg">
<div class="wrap">
<div class="header">
    <div class="logo">
        <h1><a href="index.php"></a></h1>
    </div>
</div>
</div>
</div>
<div class="nav_bg">
<div class="wrap">
    <?php require('header.php');?></div>
<div style="height:500px;">
    <form method="post" enctype="multipart/form-data">
<table cellpadding="0" cellspacing="0" width="600px" height="300px" class="tableborder"
style="margin:auto; margin-top:100px;" >
    <tr><td>&nbsp;</td><td>&nbsp;</td></tr>
    <tr><td colspan="2" align="center"></td></tr>
    <tr><td colspan="2">&nbsp;</td></tr> <tr><td colspan="2">&nbsp;</td></tr>
    <tr><td align="right"></td>
    <td style="vertical-align:top"><table cellpadding="0" cellspacing="0" height="200px">
class="lefttd">E-Mail</td><td><input type="email" name="t1" required="required"/></td></tr>

```

```

<tr><td class="lefttd">Password</td><td><input type="password" name="t2" required="required"
pattern="[a-zA-Z0-9]{2,10}" title="please enter only character or numbers between 2 to 10 for password"
/></td></tr>

<tr><td>&nbsp;</td><td><input type="submit" value="Log In" name="sbmt"
style="border:0px;background:linear-gradient(#900,#D50000); width:100px; height:30px; border-radius:10px
1px 10px 1px; box-shadow:1px 1px 5px black; color:white; font-weight:bold; font-size:14px; text-
shadow:1px 1px 6px black; "></td></tr>

<tr><td style="font-size:14px">Not A DONOR.?</td><td><a href="index1.php" style="color:#C30">Click
here</a> to REGISTER.</td></tr>

<tr><td>&nbsp;</td><td>&nbsp;</td></tr>

</table></td></tr></table>

</form>

</div>

<div class="clear"></div>

<div class="ftr-bg">

<div class="wrap">

<div class="footer">

<div class="f_nav">

    <ul>

        <li class="active"><a href="index.php">Home</a></li>

        <li><a href="donar.php">Donor</a></li>

        <li><a href="login.php">log In</a></li>

        <li><a href="aboutus.php">About</a></li>

        <li><a href="contact.php">Contact Us</a></li>

    </ul>

</div>

    <div class="copy">

        <p class="title">© All Rights Reserved </p>

    </div>

<div class="clear"></div>

</div></div></div></div>

<?php
$_SESSION['donorstatus']="";
if(isset($_POST["sbmt"]))

```

```

{
$cn=makeconnection();

$s="select *from donarregistration where email='" . $_POST["t1"] . "' and pwd='" . $_POST["t2"] . "'";

    $q=mysqli_query($cn,$s);
    $r=mysqli_num_rows($q);
    mysqli_close($cn);
    if($r>0)
    {

$_SESSION["email"]=$_POST["t1"];
$_SESSION['donorstatus']="yes";
//header("location:donor/index.php");
echo "<script>location.replace('donor/index.php');</script>";
    }
    else
    {
        echo "<script>alert('Invalid User Name Or Password');</script>";
    }
}
?>
</body>
</html>

```

### 4.1.3 Registration

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>Untitled Document</title>
<link href="css/lightbox.css" rel="stylesheet" />
    <link href="StyleSheet.css" rel="stylesheet" type="text/css" />

    <link href='http://fonts.googleapis.com/css?family=Source+Sans+Pro' rel='stylesheet' type='text/css'>
<link href="css/style.css" rel="stylesheet" type="text/css" media="all" />
<!--slider-->

```

```
<link href="css/flexslider.css" rel="stylesheet" type="text/css" media="all" />
```

```
<script src="js/jquery-1.11.0.min.js"></script>
```

```
<script src="js/lightbox.min.js"></script>
```

```
<script src="js/jquery-1.7.1.min.js" type="text/javascript"></script>
```

```
<script src="js/jquery.flexslider.js" type="text/javascript"></script>
```

```
<script type="text/javascript">
```

```
$(function () {
```

```
    SyntaxHighlighter.all();
```

```
});
```

```
$(window).load(function () {
```

```
    $('.flexslider').flexslider({
```

```
        animation: "slide",
```

```
        animationLoop: false,
```

```
        itemWidth: 210,
```

```
        itemMargin: 5,
```

```
        minItems: 2,
```

```
        maxItems: 4,
```

```
        start: function (slider) {
```

```
            $('body').removeClass('loading');
```

```
        }
```

```
    });
```

```
});
```

```
</script>
```

```
</head>
```

```
<body>
```

```
<?php include('admin/function.php'); ?>
```

```
<div class="h_bg">
```

```
<div class="wrap">
```

```
<div class="header">
```

```
    <div class="logo">
```

```
        <h1><a href="index.php"></a></h1>
```

```

</div>

</div>

</div>

</div>

<div class="nav_bg">

<div class="wrap">

    <?php require('header.php');?>

</div>

<div style="height:530px; width:700px; margin:auto; margin-top:10px; margin-bottom:10px; background-color:#f8f1e4; border:2px solid red; box-shadow:4px 1px 20px black;">

    <form method="post" enctype="multipart/form-data">

<table cellpadding="0" cellspacing="0" style="margin:auto; width:100%; " >

    <tr><td colspan="2" align="center"></td></tr>

<tr><td colspan="2">&nbsp;</td></tr>

    <tr><td style="padding-left:20px;" >&nbsp;</td>

        <td style="vertical-align:top;padding-top:20px;">

            <table cellpadding="0" cellspacing="0" style="width:100%; height:400px;">

<tr><td class="lefttd">Donor Name:</td><td><input type="text" name="t1" required="required"
pattern="[a-zA-Z _]{4,15}" title="please enter only character between 4 to 15 for donor name" /></td></tr>

<tr><td class="lefttd">Gender</td><td><input name="r1" type="radio" value="male"
checked="checked">Male<input name="r1" type="radio" value="female" >Female</td></tr>

<tr><td class="lefttd">Age</td><td><input type="number" name="t2" required="required" pattern="[0-9]{2,2}" title="please enter only numbers between 2 to 2 for age" /></td></tr>

<tr><td class="lefttd">Mobile No</td><td><input type="number" name="t3" required="required"
pattern="[0-9]{10,11}" title="please enter only numbers between 10 to 11 for mobile no." /></td></tr>

<tr><td class="lefttd"> Blood Group </td><td><select name="t4" required><option
value="">Select</option>

<?php

```



```

$cn=makeconnection();
$s="select * from bloodgroup";
$result=mysqli_query($cn,$s);
$r=mysqli_num_rows($result);
//echo $r;
while($data=mysqli_fetch_array($result))
{
    if(isset($_POST["show"])&& $data[0]==$_POST["s2"])
    {
        echo "<option value=$data[0] selected>$data[1]</option>";
    }
    else
    {
        echo "<option value=$data[0]>$data[1]</option>";
    }
}
mysqli_close($cn);

?>
</select></td></tr>

<tr><td class="lefttd">E-Mail</td><td><input type="email" name="t5" required="required" /></td></tr>

<tr><td class="lefttd">Password</td><td><input type="password" name="t6" required="required"
pattern="[a-zA-Z0-9]{2,10}" title="please enter only character or numbers between 2 to 10 for password"
/></td></tr>

<tr><td class="lefttd">Confirm Password</td><td><input type="password" name="t7" required="required"
pattern="[a-zA-Z0-9 ]{2,10}" title="please enter only character or numbers between 2 to 10 for password"
/></td></tr>

<tr><td class="lefttd">Uplode Pic</td><td><input type="file" name="t8" /></td></tr>

<tr><td>&nbsp;</td><td><input type="submit" value="Resitred" name="sbmt" style="border:0px;
background:linear-gradient(#900,#D50000); width:100px; height:30px; border-radius:10px 1px 10px 1px;
box-shadow:1px 1px 5px black; color:white; font-weight:bold; font-size:14px; text-shadow:1px 1px 6px
black; "></td></tr></table>

</td></tr>

</table>

```

```

</form>

</div>

<div class="clear"></div>

<div class="ftr-bg">

<div class="wrap">

<div class="footer">
    <div class="f_nav">
        <ul>
            <li class="active"><a href="index.php">Home</a></li>
            <li><a href="donar.php">Donor</a></li>
            <li><a href="login.php">log In</a></li>
            <li><a href="aboutus.php">About</a></li>
            <li><a href="contact.php">Contact Us</a></li>

        </ul>
    </div>

    <div class="copy">
        <p class="title">© All Rights Reserved | Design by Mr. Bhatia |</p>
    </div>

<div class="clear"></div>

</div>

</div>

</div>

<?php
if(isset($_POST["sbmt"]))
{
    $target_dir = "doner_pic/";
    $target_file = $target_dir . basename($_FILES["t8"]["name"]);
    $uploadOk = 1;
    $imageFileType = pathinfo($target_file,PATHINFO_EXTENSION);
    // Check if image file is a actual image or fake image

```

```

$check = getimagesize($_FILES["t8"]["tmp_name"]);
if($check !== false) {
    // echo "File is an image - " . $check["mime"] . ".";
    $uploadOk = 1;
} else {
    echo "File is not an image.";
    $uploadOk = 0;
}

// Check if file already exists
if (file_exists($target_file)) {
    echo "Sorry, file already exists.";
    $uploadOk = 0;
}

//allow certain file formats
if($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg" &&
$imageFileType != "gif"){
    echo "sorry, only jpg, jpeg, Png & gif files are allowed.";
    $uploadOk=0;
}else{
    if(move_uploaded_file($_FILES["t8"]["tmp_name"], $target_file)){
        $cn=makeconnection();

        $s="insert into donarregistration(name,gender,age,mobile,b_id,email,pwd,pic) values("
        . $_POST["t1"] . "," . $_POST["r1"] . "," . $_POST["t2"] . "," . $_POST["t3"] . "," . $_POST["t4"] . "," .
        $_POST["t5"] . "," . $_POST["t6"] . "," . $_POST["t7"] . "," . basename($_FILES["t8"]["name"]) . ")";

        // $s="INSERT INTO donarregistration(name,gender,age,mobile,b_id,email,pswd,pic)
        VALUES ([value-1],[value-2],[value-3],[value-4],[value-5],[value-6],[value-7],[value-8],[value-9])"

        mysqli_query($cn,$s);
        mysqli_close($cn);
        if($s>0)
        {
            echo "<script>alert('Record Save');</script>";
        }
        else

```

```
{echo "<script>alert('Record save');</script>";  
    }  
    } else{  
        echo "sorry there was an error uploading your file.";  
    }  
  
    }  
}  
?>  
</body>  
</html>
```

## Chapter-5

## TESTING &amp; SNAPSHOTS

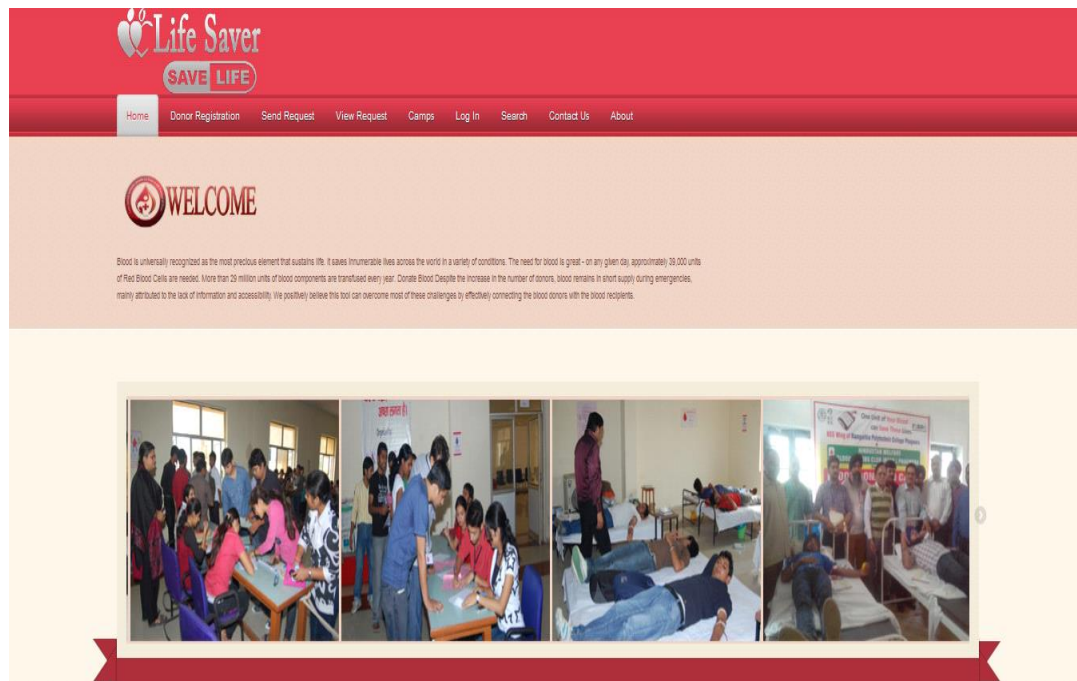


Figure 5.1: Home Page

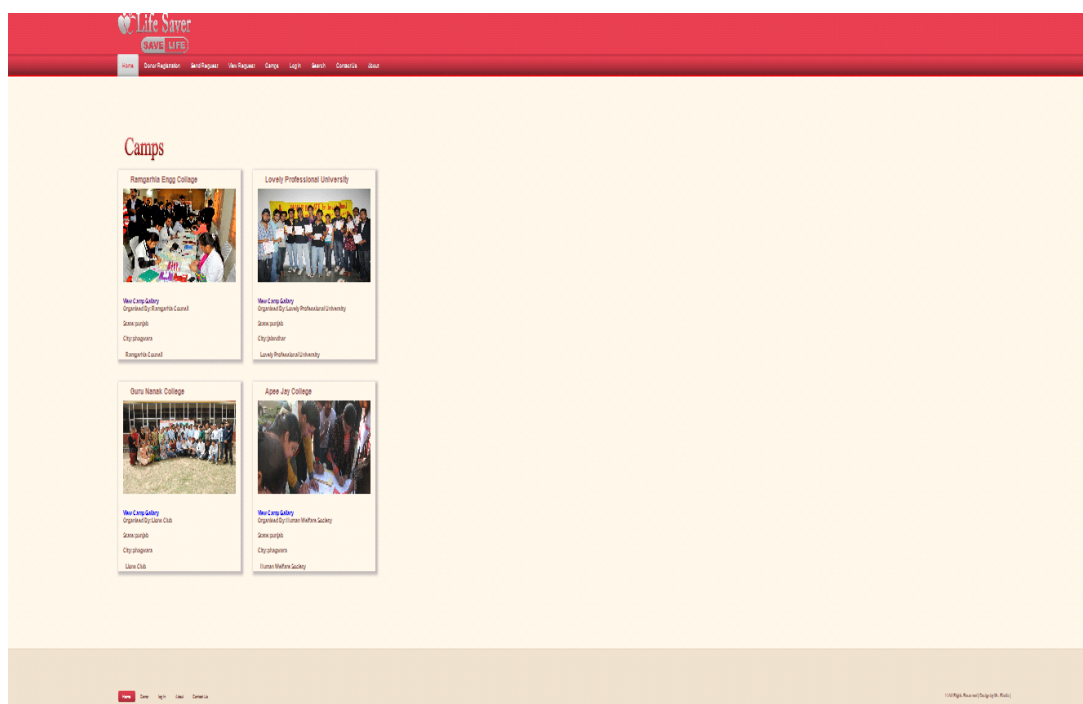
This is the main page or home page of blood bank management system. This is the main page on client side that defines all the modules in the project.

Figure 5.2: Donor Registration Page

Registration page includes the information of the donor who want to register. Donor can register the account by clicking on new register. He/she can add the account for the further enquiry of the blood donation.

**Figure 5.3: Requesting for blood**

Request for blood page includes the information of the donor who want to register. Donor can register the account by clicking on new register. He/she can send requests for the further enquiry of the blood donation.



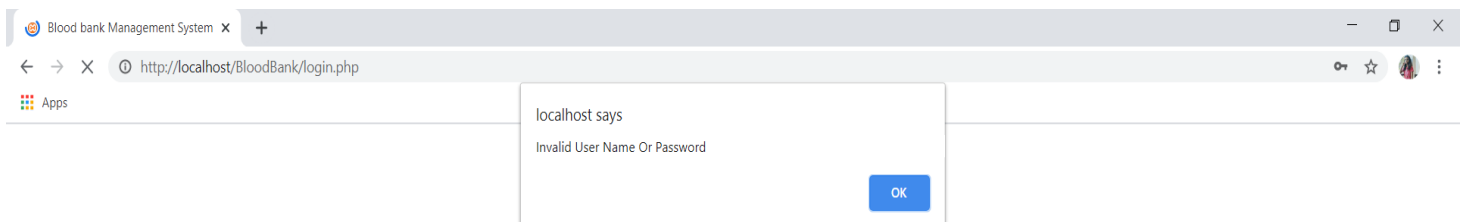
**Figure 5.4: Camps for blood**

Camp page includes the information about camps, this camps organised the blood donation camp. Donor can register the account by clicking on new register.



**Figure 5.5: Donor Login Page**

It is login menu, I have set a default E-mail and password for it. If you will enter the correct mail id and password, It will allow you to move to next menu otherwise it will show you error message and ask you to invalid mail id and password.



**Figure 5.6: Donor Login Page Password error**

If the entered password to login is incorrect it shows an error message as invalid user name or password, which alerts the user to type the correct password and email.

**Figure 5.7: Search For blood**

Search button is used for search the donations of blood for a different blood groups.

**Figure 5.8: Contact Us**

In contact page any one who wants to need a blood or gaining a information about this system then he/she can contact with us. Person will get the blood immediately he/she requested for the particular blood group he/she has requested.





**Figure 5.9: Donor Panel**

This page is the welcome page of the donor panel. In this page include all the module related to Donor like: Change password, Update profile, Blood donated, View donation, View requested, Logout.



**Figure 5.10: Error Message for Registration**

While registering as donor each and every block should be entered if not so, it gives an alert to select or fill the blocks.

# CONCLUSION

With the theoretical inclination of our syllabus it becomes very essential to take the utmost 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 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

# DECLARATION

We the students of 7<sup>th</sup> semester BE, Computer Science and Engineering hereby declare that project entitled “Blood Bank Management System” has been carried out by us at City Engineering College, Bengaluru and submitted in partial fulfilment of the course requirement for the award of the degree of **Bachelor of Engineering in computer Science and Engineering of Visvesvaraya Technological University, Belgaum**, during the academic year 2020-2021.

We also declare that, to the best of the knowledge and belief, the work reported here does not form the part of dissertation on the basis of which a degree or award was conferred on a earlier occasion on this by any other student.

Date :

Place: Bangalore

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