**REPORT**

**TITLE:** Sanjeevani Bloodbank

**TECHNOLOGY USED:**

**SOFTWARE REQUIRED:** Tomcat 5.0 Server

**FRONT END:** HTML, JSP, Java servlets

**BACK END:** MS ACCESS

**THEORY:**

**HTML: Hyper Text Markup Language** (**HTML**) is the main [markup language](http://en.wikipedia.org/wiki/Markup_language) for creating [web pages](http://en.wikipedia.org/wiki/Web_page) and other information that can be displayed in a [web browser](http://en.wikipedia.org/wiki/Web_browser).HTML is written in the form of [HTML elements](http://en.wikipedia.org/wiki/HTML_element) consisting of *tags* enclosed in [angle brackets](http://en.wikipedia.org/wiki/Angle_brackets) (like <html>), within the web page content. HTML tags most commonly come in pairs like <h1> and </h1>, although some tags, known as *empty elements*, are unpaired, for example <img>. The first tag in a pair is the *start tag*, the second tag is the *end tag* (they are also called *opening tags* and *closing tags*). In between these tags web designers can add text, tags, [comments](http://en.wikipedia.org/wiki/Comment_%28computer_programming%29) and other types of text-based content.

**JSP: JSP(Java Server Pages)** is an extension of the servlet technology. It is a server side program that is similar in function and design to java servlet.JSP simply place JAVA inside the HTML pages means it’s an embedded of html tag and jsp’s own tag.JSP page is a combination of java code into html file so we can say that the JSP pages are platform independent means jsp pages can run in any platform.

**MS ACCESS:** Microsoft Access, also known as Microsoft Office Access, is a [database management system](http://en.wikipedia.org/wiki/Database_management_system) from [Microsoft](http://en.wikipedia.org/wiki/Microsoft) that combines the relational [Microsoft Jet Database Engine](http://en.wikipedia.org/wiki/Microsoft_Jet_Database_Engine) with a [graphical user interface](http://en.wikipedia.org/wiki/Graphical_user_interface) and software-development tools.Microsoft Access is a file server-based database.

**Bloodbank.html**

<html>

<head>

<title>

Bloodbank

</title>

</head>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<font size="7" color="" face="Lucida Fax">

<table border="0" width="100%">

<tr >

<td align="left" width="50" ><a href="bloodbank.html">Home</a></td>

<td align="justify" rowspan="6"><p align="justify">

<p>

Sanjeevani Blood Bank (SBB) is an ISO certified blood bank established in 2010, and is the country's largest and most modern blood bank with state-of-art technologies and service. A pioneer in voluntary blood donation, SBB does not ask for replacement donors for providing blood to those in need.

</p>

<p>

There is a shortage of over 1 lakh units of blood for patients. Many accident victims, innocent children suffering from thalassaemia, pregnant women, cancer patients and other people in life threatening situations die due to shortage of blood.

</p>

<p>

Sanjeevani Blood Bank aims to meet the requirement of precious blood by organizing voluntary blood donation camps at education institutes, corporate offices and many other organizations and gatherings. SBB relies totally on voluntary donors and dispenses blood to those in need without asking for replacement donation.

</p>

<p>

Voluntary blood donation is a selfless service and an expression of love for mankind. Blood knows no caste, creed, colour, religion or race.

Blood donation is harmless, painless and absolutely safe.

</p>

<p><b>

So if you wish to save a precious life, support SBB and donate blood today!</b>

</p>

</td></tr>

<tr ><td align="left" height="50" width="270"><a href="receiver.html">1.Receiver Registration</a></td></tr>

<tr><td align="left" height="50"><a href="donor.html">2.Donor Registration</a></td></tr>

<tr><td align="left" height="50" ><a href="contact.html">3.Contact Us</a></td></tr>

</table>

<table>

<tr>

<td>

Receiver <br>

UserName

<input type="text" name="t1"><br>

Password :

<input type="text" name="t2"><br>

<input type="button" name="login" value="Log In">

</td>

<td>

Donor <br>

UserName:

<input type="text" name="t3"><br>

Password :

<input type="text" name="t4"><br>

<input type="button" name="login" value="Log In">

</td>

</font>

<hr size="5">

</body>

</html>

**Receiver.html**

<html>

<head>

<form name="search1" action="http://localhost:8000/receiver.jsp">

<title>

Receiver Registration

</title>

</head>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<br><br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<font color="#8b0000" size="5"><b>1.Receiver Registration </b></font><br><center><br>

<table>

<tr>

<td width="500"><img src="C:\swarda\Bloodbank\1.jpg"></td>

<td>

<font color="#8b0000" size="4">

Name : &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t1"><br><br>

Address :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<textarea rows="3" name="t2" cols="20"></textarea><br><br>

Contact Number : &nbsp;&nbsp;<input type="text" name="t3"><br><br>

Patient Name : &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t4"><br><br>

Required Bloodgroup :<input type="text" name="t5"><br><br>

Email ID :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t6"><br><br>

Username :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t7"><br><br>

Password :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="password" name="t8"><br><br>

<br><br>

</td>

</tr>

</table>

<input type="submit" value="Submit" name="submit">

<input type="button" value="Reset" name="Reset">

</center>

</font>

<center>

<font color="#8b0000" size="6" face="Algerian"><a href="bloodbank.html">Home</a></font>

</center>

</body></html>

**Donor.html**

<html>

<head>

<form name="search2" action="http://localhost:8000/donor.jsp">

<title>

Donor Registration

</title>

</head>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<br><br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<font color="#8b0000" size="5"><b>1.Donor Registration </b></font><br><center><br>

<table>

<tr>

<td width="500"><img src="C:\swarda\Bloodbank\137.jpg"></td>

<td>

<font color="#8b0000" size="4">

Name : &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t1"><br><br>

Address :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<textarea rows="3" name="t2" cols="20"></textarea><br><br>

Contact Number : &nbsp;&nbsp;<input type="text" name="t3"><br><br>

Bloodgroup :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t4"><br><br>

Email ID :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t5"><br><br>

Username :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="text" name="t6"><br><br>

Password :&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;<input type="password" name="t7"><br><br>

<br><br>

</td>

</tr>

</table>

<input type="submit" value="Submit" name="submit">

<input type="button" value="Reset" name="Reset">

</center>

</font>

<center>

<font color="#8b0000" size="6" face="Algerian"><a href="bloodbank.html">Home</a></font>

</center>

</body></html>

**Contact.html**

<html>

<head>

<title>

Contact Us

</title>

</head>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<br><br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<font color="#8b0000" size="5"><b>5. Contact Us</b></font><br><center><br>

<table>

<tr>

<td width="700">

<img src="C:\swarda\Bloodbank\4.jpg">

</td>

<td>

<font color="#8b0000" size="5">

Name : Sanjeevani Blood Bank <br><br>

Address : K.K. Smruti Apartment<br>

New Maneklal Estate,<br>

Ghatkopar (West),<br>

Mumbai 400086, <br><br>

Contact No : 25124322.<br>

</font>

</td>

</tr>

</table>

<center>

<font color="#8b0000" size="6" face="Algerian"><a href="bloodbank.html">Home</a></font>

</center>

</body>

</html>

**Check.html**

<html>

<head>

<form name="search" action="http://localhost:8000/bloodb.jsp">

<title>

Check Availability

</title>

</head>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<br><br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<font color="#8b0000" size="5"><b>4.Check Availability</b></font><br><center><br>

Enter Required BloodGroup

<input type="text" name="t1"><br><br>

<input type="submit" name="t2" value="Check">

<center>

<font color="#8b0000" size="6" face="Algerian"><a href="bloodbank.html">Home</a></font>

</center>

</body>

</html>

**Bloodd.html**

<html>

<head>

<title>

Bloodbank Donation Camp Details

</title>

</head>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<br><br>&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<font color="#8b0000" size="5"><b>3.Blood Donation Camp Details</b></font><br><center><br>

<table border="1">

<tr>

<th><font color="#8b0000" size="4"> Sr No.</font>

<th><font color="#8b0000" size="4"> Name Of Campaign</font>

<th><font color="#8b0000" size="4">Address </font>

<th><font color="#8b0000" size="4"> Contact Number</font>

</tr>

<tr>

<td align="center">

<img src="G:\Swarda\Swarda documents\Bloodbank\images.jpg" width="100" height="100">

</td>

<td>

Midas Trust, Mumbai

</td>

<td> F- 3, Vaibhav Co- Operative Society, Opposite Import Ware House, Sahar Village, Andheri East, Mumbai - 400 099, Maharashtra, India

</td>

<td>

09953357110

</td>

</tr>

<tr>

<td align="center">

<img src="G:\Swarda\Swarda documents\Bloodbank\2.jpg" width="100" height="100">

</td>

<td>

The Refuge, Kolkata

</td>

<td> 125A, Bipin Behari, Ganguly Street 125B, Bipin Behari, Ganguly street, Kolkata - 700 012, West Bengal, India

</td>

<td>

08376807898

</td>

</tr>

<tr>

<td align="center">

<img src="G:\Swarda\Swarda documents\Bloodbank\bloodbank.jpg" width="100" height="100">

</td>

<td>

Haribharath Equipments Private Limited, Mumbai

</td>

<td>No. 1, Shukla Bhavan, Opposite Ceat Limited, Village Road, Bhandup West , Mumbai - 400 078, Maharashtra, India

</td>

<td>

+(91)-22-25666869

</td>

</tr>

<tr>

<td align="center">

<img src="G:\Swarda\Swarda documents\Bloodbank\3.jpg" width="100" height="100">

</td>

<td>

Yuvak Solutions & Services, Mumbai

</td>

<td>No. 5115, 5th Floor, Bhandup Industrial Estate, Panalal Compound, LBS Road, Bhandup , Mumbai - 400 078, Maharashtra, India

</td>

<td>

+(91)-22-41227323

</td>

</tr>

</table>

<center>

<font color="#8b0000" size="6" face="Algerian"><a href="bloodbank.html">Home</a></font>

</center>

</body>

</html>

**Bloodb.jsp**

<html>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<%@ page language="java"%>

<%@ page import="java.sql.\*"%>

<%

String m=null;

String m1=null;

String s=request.getParameter("t1");

PreparedStatement ps=null;

Connection conn=null;

ResultSet rs=null;

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

conn=DriverManager.getConnection("jdbc:odbc:swa","","");

ps=conn.prepareStatement("select \* from bloodbank where bloodtype=?");

ps.setString(1,s);

rs=ps.executeQuery();

out.println("<br><br><center>Bloodgroup:"+s);

while(rs.next())

{

m=rs.getString(1);

m1 =rs.getString("Noofbloodbottles");

out.println("<br><br>No Of Bottles :"+m1);

out.println("</center>");

}

conn.close();

%>

<center>

<font color="#8b0000" size="6" face="Algerian"><a href="bloodbank.html">Home</a></font>

</center>

</body>

</html>

**Donor.jsp**

<html>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<%@ page language="java"%>

<%@ page import="java.sql.\*"%>

<%

String Dname = request.getParameter("t1");

String Address= request.getParameter("t2");

String Contactno= request.getParameter("t3");

String Bloodgroup= request.getParameter("t4");

String Emailid= request.getParameter("t5");

String Username= request.getParameter("t6");

String Password= request.getParameter("t7");

// declare a connection by using Connection interface

Connection conn = null;

PreparedStatement pstmt=null;

String query = "insert into donor(Dname,Address,Contactno,Bloodgroup,Emailid,Username,Password) values(?, ?, ? , ? , ? , ? , ? )";

try

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

conn=DriverManager.getConnection("jdbc:odbc:swa","","");

pstmt = conn.prepareStatement(query); // create a statement

pstmt.setString(1, Dname); // set input parameter 1

pstmt.setString(2, Address); // set input parameter 2

pstmt.setString(3,Contactno);

pstmt.setString(4, Bloodgroup);

pstmt.setString(5, Emailid);

pstmt.setString(6, Username);

pstmt.setString(7, Password);

int i = pstmt.executeUpdate();

if(i!=0)

{

out.println("<br><br>&nbsp;&nbsp;&nbsp;Donor Succesfully Registered");

}

else

{

out.println("failed to insert the data");

}

}

catch (Exception e)

{

System.out.println(e);

}

%>

<center>

<font color="#8b0000" size="6" face="Algerian"><a href="bloodbank.html">Home &nbsp; </a>

<a href="bloodd.html">Blood Donation Camp Details</a></font>

</center>

</body>

</html>

**Receiver.jsp**

<html>

<body bgcolor="#F5DEB3">

<img src="C:\swarda\Bloodbank\banner.jpg" height="150" Width="1350">

<center><b><font color="#8b0000" size="6" face="Algerian">Sanjeevani BloodBank</font></b></center>

<marquee bgcolor="red" height="25"><b><font color="white" size="4">\*\*\*\*\*\*\* &nbsp; Donate your blood and Make a Difference &nbsp; \*\*\*\*\*\*\*</font></b></marquee>

<%@ page language="java"%>

<%@ page import="java.sql.\*"%>

<%

String Rname = request.getParameter("t1");

String Address= request.getParameter("t2");

String Contactno= request.getParameter("t3");

String Patientname= request.getParameter("t4");

String Reqdblood= request.getParameter("t5");

String Emailid= request.getParameter("t6");

String Username= request.getParameter("t7");

String Password= request.getParameter("t8");

// declare a connection by using Connection interface

Connection conn = null;

PreparedStatement pstmt=null;

String query = "insert into receiver(Rname,Address,Contactno,Patientname,Reqdblood,Emailid,Username,Password) values(?, ?, ? , ? , ? , ? , ?, ? )";

try

{

Class.forName("sun.jdbc.odbc.JdbcOdbcDriver");

conn=DriverManager.getConnection("jdbc:odbc:swa","","");

pstmt = conn.prepareStatement(query); // create a statement

pstmt.setString(1, Rname); // set input parameter 1

pstmt.setString(2, Address); // set input parameter 2

pstmt.setString(3,Contactno);

pstmt.setString(4, Patientname);// set input parameter 3

pstmt.setString(5, Reqdblood);

pstmt.setString(6, Emailid);

pstmt.setString(7, Username);

pstmt.setString(8, Password);

int i = pstmt.executeUpdate();

if(i!=0)

{

out.println("<br><br>&nbsp;&nbsp;&nbsp;Receiver Succesfully Registered");

}

else

{

out.println("failed to insert the data");

}

}

catch (Exception e)

{

System.out.println(e);

}

%>

<center>

<font color="#8b0000" size="6" face="Algerian"><a href="bloodbank.html">Home &nbsp; </a>

<a href="check.html">Check Blood Availability</a></font>

</center>

</body>

</html>



























