

# SWAMI VIVEKANANDA UNIVERSITY



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**STREAM: B.SC. ANCS**

**PROJECT-TOPIC: BLOOD DONATION CAMP**

**ADMIT NUMBER: 001-BANC-2023-029**

**YEAR: 2024**

**SEMESTER: 2<sup>ND</sup> SEMESTER**



**PROJECT SUBMITTED BY:**

- BLOOD DONATION CAMP WEBPAGE  
(A TRAINING PROJECT-WORK)

**SUBMITTED BY**

- Hiranmoy Nath
- Gopal Chandra Ram
- Debasish Seal

**ADMIT NUMBER**

001-BANC-2023-029  
006-BCA-2023-144  
001-BANC-2023-023

**SWAMI VIVEKANANDA UNIVERSITY**



**ARDENT COMPUTECH PVT. LTD.**



**YEAR-2024 DURATION-FEBRUARY TO JUNE**



**AT ARDDENT COMPUTECH PVT. LTD.**

**CERTIFICATE FROM SUPERVISOR**

This is certifying that Hiranmoy Nath, Gopal Chandra Ram, Debasish Seal, successfully completed the project titled “BLOOD DOONATION CAMP WEBSITE” under the supervision of teacher during the period from February to June 2024.

**SIGNATURE**

Date:

**PALLABI DUTTA**

(Trainer & Web-developer at  
Ardent Pvt. Ltd.)

## **ACKNOWLEDGEMENT**

I take this opportunity to express my deep gratitude and sincerest thanks to my Project mentor, **PALLABI DUTTA** for giving most valuable suggestion, helpful guidance and encouragement in the execution of this project work.

I would like to give a special recognition to my colleagues. Last but not the least I am grateful to all the faculty members of Ardent Computech Pvt. Ltd. And their support.

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## **1. Abstract**

A blood donation camp refers that, a camp where blood is collected from suitable donors of various blood-group for various recipients who are in dire need of blood for various medical conditions.






## **2. Introduction**

Blood donation camp is a place where medical professionals collect blood from donors for recipients who need it for medical conditions.

The purpose of a blood donation camp is to motivate people to donate blood and to select donors whose blood is safe for the recipient. The blood collected at the camp is then transported to a bank, which usually organizes blood donation camps in urban areas. Rural camps can raise awareness about blood donation among rural people.

## **3. OBJECTIVE**

**The project (Blood donation camp) objective includes: -**

-  Raising awareness about the importance of safe blood transfusions and components.
-  Providing blood to the blood banks for patients with cancer, haemophilia, thalassemia, or accident victims.
-  Teaching the importance of voluntary blood donation.
-  Providing an opportunity to add value to one's life.
-  Collect the blood from suitable donor for the various blood-group recipients who are in dire need of blood.

## **4. Methodology**

For Develop the project involves various aspects that cover design, functionality, content, and user engagement. Effective development of such a webpage should consider the specific needs of the campaign, ensuring the site is accessible, informative, and motivating. Here's a detailed breakdown of key methodology aspects to consider:

### **1. Planning and Strategy**

- **Goal Definition:** Clearly define what the blood donation camp aims to achieve (e.g., number of donors, raising awareness).
- **Target Audience:** Identify the target audience (age, location, demographics) to tailor the design and content appropriately.
- **Feature Requirements:** Determine necessary features such as registration forms, camp schedules, location details, eligibility criteria, FAQs, and donor testimonials.

### **2. User Experience (Page) Design**

- **User Flow:** Map out the user journey from landing on the page to completing registration or finding information.
- **Wireframes:** Create basic layouts to visualize the structure and components of the webpage.
- **Responsive Design:** Ensure the webpage is functional and visually appealing on all devices (desktops, tablets, smartphones).

### **3. User Interface (page) Design**

- **Aesthetic Appeal:** Use colours and images that are inviting and warm; red is often associated with blood donation but should be used sparingly to avoid visual aggression.
- **Branding:** Incorporate the logo, colour scheme, and fonts of the hosting organization to maintain brand consistency.
- **Photography and Graphics:** Use high-quality images showing diverse groups participating in donation activities, which can help potential donors see themselves in those scenarios.

#### **4. Content Development**

- Engaging Content: Write clear, motivational, and informative content that addresses common questions and concerns about blood donation.
- Educational Materials: Provide resources about the benefits of donating blood, how the process works, who it helps, and safety protocols.
- Call to Action (CTA): Strong, clear CTAs like "Register Now", "Join Us", or "Learn More" should be prominently displayed.

#### **5. Technical Development**

- CMS Selection: Choose a content management system that suits the non-technical staff who might be updating the site (e.g., WordPress, Joomla).
- Accessibility: Adhere to web accessibility standards (WCAG) to ensure it's usable for people with disabilities.
- Security Measures: Implement HTTPS, particularly for data-intensive interactions like form submissions.

#### **6. Integration with Digital Tools**

- Social Media Integration: Allow users to share their registration or intentions to donate blood on their social media profiles to encourage others.
- Analytics: Integrate tools like Google Analytics to track user behaviour, which can inform future improvements.
- Automated Email Responses: Set up automated emails for registration confirmations, reminders for the camp date, and thank-you messages post-donation.

#### **7. Testing and Launch**

- Functionality Testing: Check all links, forms, and scripts to ensure they work as expected.
- Usability Testing: Conduct testing sessions with users who match the target demographic to gather feedback and make necessary adjustments.



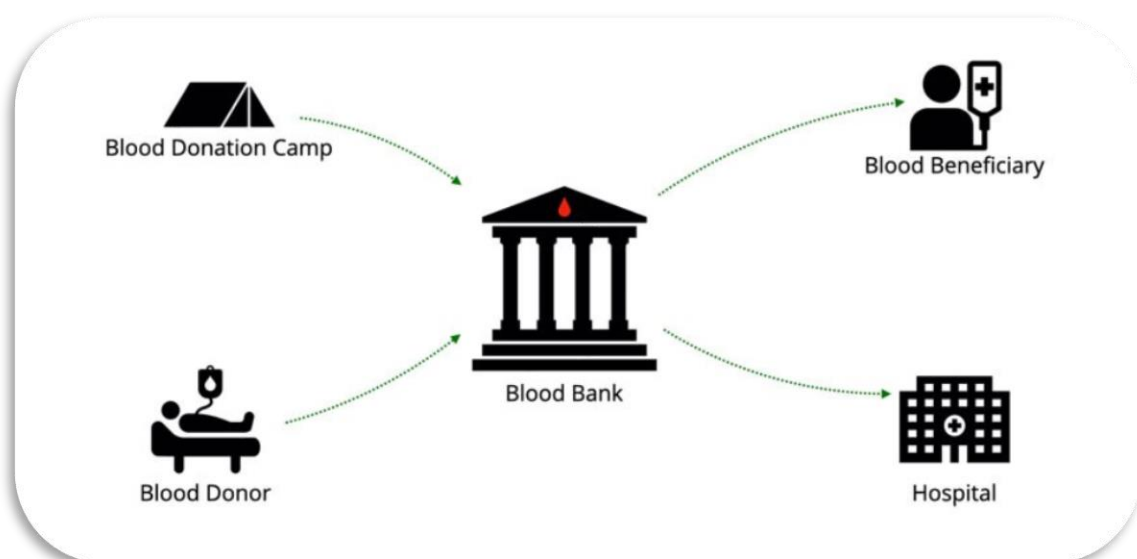
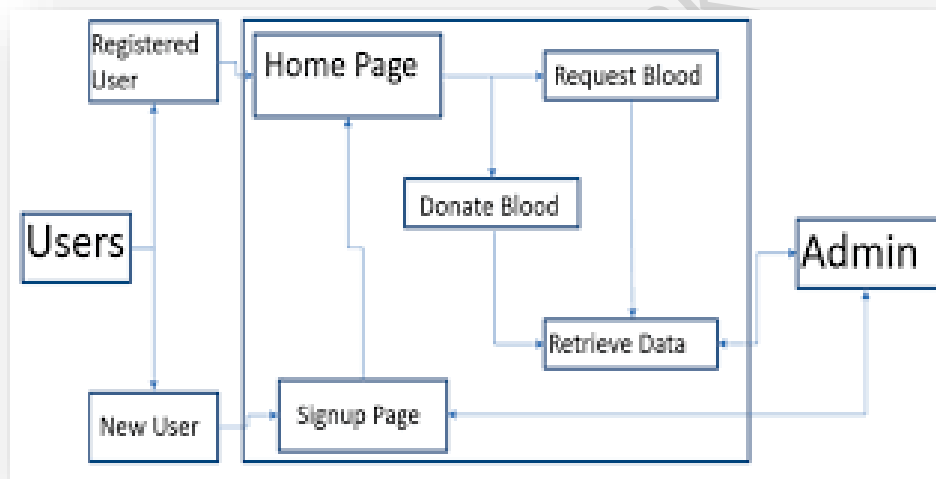
- Performance Optimization: Ensure the website loads quickly and efficiently, optimizing images and server responses.

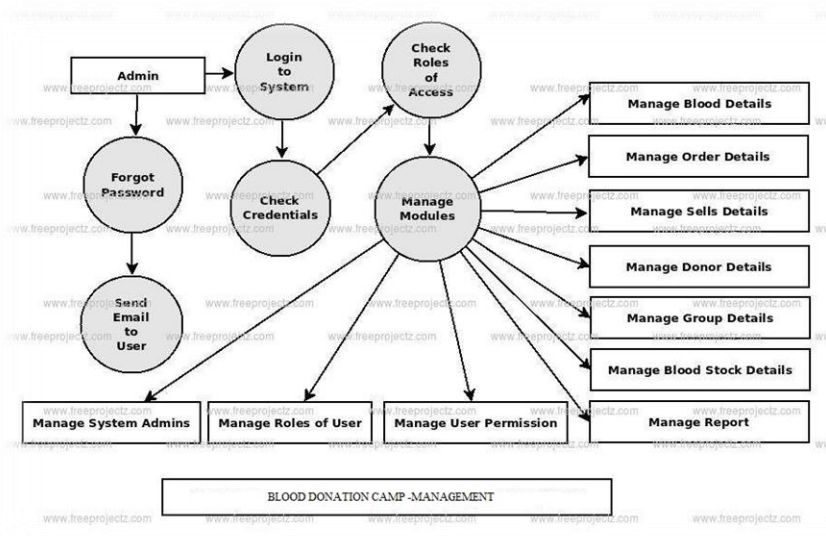
## 8. Post-Launch Activities

- Feedback Collection Use surveys or feedback forms on the webpage to collect user impressions and suggestions.

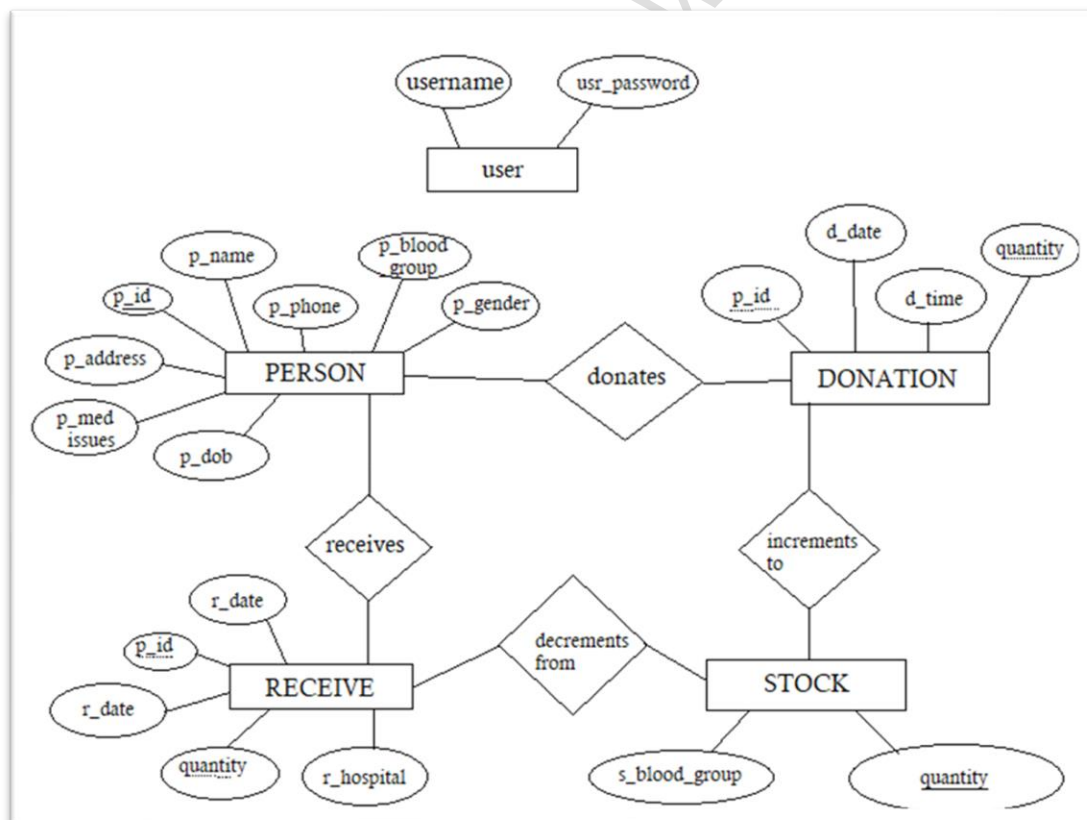
- Updates and Maintenance: Regularly update the site with upcoming camp dates, news, and donor stories to keep the content fresh and engaging.

- SEO and Marketing: Continue to optimize the website for search engines and promote the page through online ads, community forums, and local media.





## BLOOD DDONATION CAMP- MANAGEMEENT SYSTEM



## 5.Project developed by:

- **Front-end develop: HTML & CSS**
- **Required device: Desktop/Laptop**

**Device type: DESKTOP**

**Operating-system: windows**

**Operating-system version: 10**

**Processor: i3-3240**

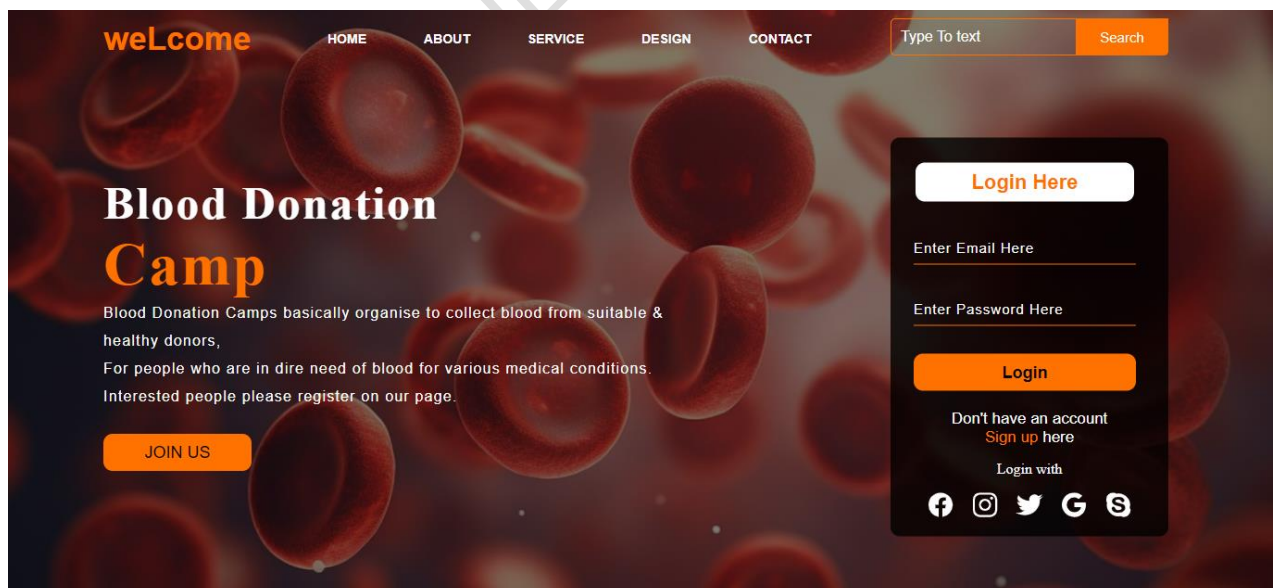
**Ram: 8GB**

**Storage: 256GB SSD**

## 6.Project-Work:

- About Pages

## Home-page



## Registration-page

**REGISTRATION FROM**

Username:

Email:

Phone :

Password :

Date of Birth :

Gender: ☐ Male ☐ Female ☐ Others

Address:

State:

City:

Pin Code:

☐ By creating an account you agree to our [Term & Condition](#)

iStock  
Credit: stefanamer

## About & Services - page

**Services**

**ABOUT**

A blood donation camp is where medical professionals collect blood from donors of various blood groups for recipients who need blood for medical conditions.  
The Kelvin Society has organised a blood donation camp on 24th May 2024 at morning 9AM, our office.  
Interested people please register online, our page is open for 24hours.  
For any other question contact us.

**DONATE  
BLOOD  
SAVE LIFE**



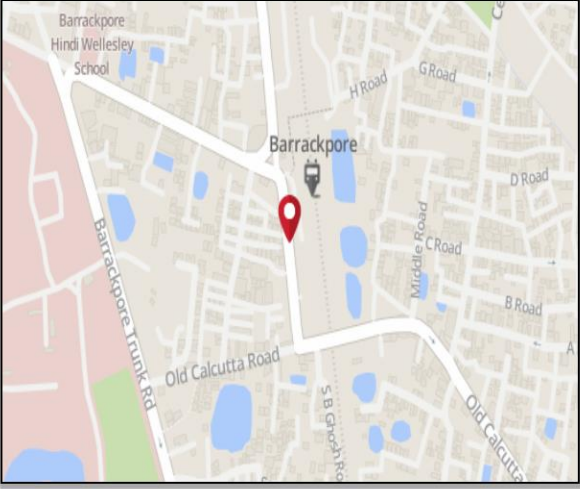


**BLOOD DONATION CAMP**  
save lives.  
donate blood.

Give blood, save a life!

## Contacts-page

### Contact-us



The map shows the Barrackpore area in West Bengal, India. A red pin marks the location of the blood donation camp near Barrackpore station. The map includes labels for various roads such as Old Calcutta Road, S.B. Ghosh Road, Middle Road, D Road, B Road, A Road, H Road, and G Road. It also shows the Barrackpore Hindi Wellesley School and the Barrackpore Trunk Rd.






### Other Contacts

**Phone number**—+1800 253 8746(Toll-free)  
Available 24Hrs.for any help.

**E-mail**—kelvin.bloodbank24@gamil.com

**Address**—Near of Barrakpore station, West-Bengal,India

Any one can send letter.

Also Contact-us by our social media pages

## 7.HTML & CSS CODES

### Home-page

```
<!DOCTYPE html>
<html lang="en">
<head>
  <title>Blood-Donation-Camp</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

  <div class="main">
    <div class="navbar">
```

```
<div class="icon">
  <h2 class="logo">weLcome</h2>
</div>
```

```
<div class="menu">
  <ul>
    <li><a href="#">HOME</a></li>
    <li><a href="#">ABOUT</a></li>
    <li><a href="#">SERVICE</a></li>
    <li><a href="#">DESIGN</a></li>
    <li><a href="#">CONTACT</a></li>
  </ul>
</div>
```

```
<div class="search">
  <input class="srch" type="search" name=""
placeholder="Type To text">
  <a href="#"> <button
class="btn">Search</button></a>
</div>
```

```
</div>
```

```
<div class="content">
```

```
<h1>Blood Donation <br><span>Camp</span>
<br></h1>
```

```
<p class="par">Blood Donation Camps basically
organise to collect blood from suitable &<br>
healthy donors,<br> For people who
are in dire need of blood for various medical
conditions.
```

```
<br>Interested people please register on our
page.</p>
```

```
<button class="cn">JOIN US</button>
```

```
<div class="form">
```

```
<h2>Login Here</h2>
```

```
<input type="email" name="email"
placeholder="Enter Email Here">
```

```
<input type="password" name=""
placeholder="Enter Password Here">
```

```
<button class="btn"><a
href="#">Login</a></button>
```

```
<p class="link">Don't have an account<br>
```

```
<a href="#">Sign up </a> here</a></p>
```

```
<p class="liw">Login with</p>
```

```
<div class="icons">

    <a href="#"><ion-icon name="logo-
facebook"></ion-icon></a>

    <a href="#"><ion-icon name="logo-
instagram"></ion-icon></a>

    <a href="#"><ion-icon name="logo-
twitter"></ion-icon></a>

    <a href="#"><ion-icon name="logo-
google"></ion-icon></a>

    <a href="#"><ion-icon name="logo-
skype"></ion-icon></a>

</div>

</div>

</div>

</div>

</div>

<script
src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></sc
ript>

</body>

</html>
```



## CSS

```
*{  
  margin: 0;  
  padding: 0;  
}
```

```
.main{  
  width: 100%;  
  background: linear-gradient(to top, rgba(0, 0, 0,  
0.5)50%,rgba(0, 0, 0, 0.5)50%), url("bloodn.jpg");  
  background-position: center;  
  background-size: cover;  
  height: 100vh;  
}
```

```
.navbar{  
  width: 1200px;  
  height: 75px;  
  margin: auto;  
}
```

```
.icon{
```

```
width: 200px;
float: left;
height: 70px;
}
```

```
.logo{
  color: #ff7200;
  font-size: 35px;
  font-family: Arial;
  padding-left: 20px;
  float: left;
  padding-top: 10px;
  margin-top: 5px
}
```

```
.menu{
  width: 400px;
  float: left;
  height: 70px;
}
```

```
ul{
  float: left;
```

```
display: flex;
justify-content: center;
align-items: center;
}
```

```
ul li{
list-style: none;
margin-left: 62px;
margin-top: 27px;
font-size: 14px;
}
```

```
ul li a{
text-decoration: none;
color: #fff;
font-family: Arial;
font-weight: bold;
transition: 0.4s ease-in-out;
}
```

```
ul li a:hover{
color: #ff7200;
}
```

```
.search{  
    width: 330px;  
    float: left;  
    margin-left: 270px;  
}
```

```
.srch{  
    font-family: 'Times New Roman';  
    width: 200px;  
    height: 40px;  
    background: transparent;  
    border: 1px solid #ff7200;  
    margin-top: 13px;  
    color: #fff;  
    border-right: none;  
    font-size: 16px;  
    float: left;  
    padding: 10px;  
    border-bottom-left-radius: 5px;  
    border-top-left-radius: 5px;  
}
```

```
.btn{  
    width: 100px;  
    height: 40px;  
    background: #ff7200;  
    border: 2px solid #ff7200;  
    margin-top: 13px;  
    color: #fff;  
    font-size: 15px;  
    border-bottom-right-radius: 5px;  
    border-bottom-left-radius: 5px;  
    transition: 0.2s ease;  
    cursor: pointer;  
}
```

```
.btn:hover{  
    color: #000;  
}
```

```
.btn:focus{  
    outline: none;  
}
```

```
.srch:focus{  
    outline: none;
```

```
}
```

```
.content{  
    width: 1200px;  
    height: auto;  
    margin: auto;  
    color: #fff;  
    position: relative;  
}
```

```
.content .par{  
    padding-left: 20px;  
    padding-bottom: 25px;  
    font-family: Arial;  
    letter-spacing: 1.2px;  
    line-height: 30px;  
}
```

```
.content h1{  
    font-family: 'Times New Roman';  
    font-size: 50px;  
    padding-left: 20px;  
    margin-top: 9%;
```

```
    letter-spacing: 2px;  
}
```

```
.content .cn{  
    width: 160px;  
    height: 40px;  
    background: #ff7200;  
    border: none;  
    margin-bottom: 10px;  
    margin-left: 20px;  
    font-size: 18px;  
    border-radius: 10px;  
    cursor: pointer;  
    transition: .4s ease;  
  
}
```

```
.content .cn a{  
    text-decoration: none;  
    color: #000;  
    transition: .3s ease;  
}
```

```
.cn:hover{  
    background-color: #fff;  
}
```

```
.content span{  
    color: #ff7200;  
    font-size: 65px  
}
```

```
.form{  
    width: 250px;  
    height: 380px;  
    background: linear-gradient(to top,  
rgba(0,0,0,0.8)50%,rgba(0,0,0,0.8)50%);  
    position: absolute;  
    top: -20px;  
    left: 870px;  
    transform: translate(0%,-5%);  
    border-radius: 10px;  
    padding: 25px;  
}
```

```
.form h2{
```



```
width: 220px;
font-family: sans-serif;
text-align: center;
color: #ff7200;
font-size: 22px;
background-color: #fff;
border-radius: 10px;
margin: 2px;
padding: 8px;
}
```

```
.form input{
width: 240px;
height: 35px;
background: transparent;
border-bottom: 1px solid #ff7200;
border-top: none;
border-right: none;
border-left: none;
color: #fff;
font-size: 15px;
letter-spacing: 1px;
margin-top: 30px;
```

```
    font-family: sans-serif;
}
```

```
.form input:focus{
    outline: none;
}
```

```
::placeholder{
    color: #fff;
    font-family: Arial;
}
```

```
.btnn{
    width: 240px;
    height: 40px;
    background: #ff7200;
    border: none;
    margin-top: 30px;
    font-size: 18px;
    border-radius: 10px;
    cursor: pointer;
    color: #fff;
    transition: 0.4s ease;
```

```
}  
.btnn:hover{  
    background: #fff;  
    color: #ff7200;  
}  
.btnn a{  
    text-decoration: none;  
    color: #000;  
    font-weight: bold;  
}  
.form .link{  
    font-family: Arial, Helvetica, sans-serif;  
    font-size: 17px;  
    padding-top: 20px;  
    text-align: center;  
}  
.form .link a{  
    text-decoration: none;  
    color: #ff7200;  
}  
.liw{  
    padding-top: 15px;  
    padding-bottom: 10px;
```

```
    text-align: center;
}
.icons a{
    text-decoration: none;
    color: #fff;
}
.icons ion-icon{
    color: #fff;
    font-size: 30px;
    padding-left: 14px;
    padding-top: 5px;
    transition: 0.3s ease;
}
.icons ion-icon:hover{
    color: #ff7200;
}
```

## **Registration-page**

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<meta name="viewport" content="width=device-width,  
initial-scale=1.0">
```

```
<title>registration</title>
```

```
<style>
```

```
    body{
```

```
        width: 110%;
```

```
        background: linear-gradient(to top, rgba(139, 146,  
139, 0.5)50%,rgba(137, 142, 137, 0.5)50%),  
url("Register.jpg");
```

```
        background-position: center;
```

```
        background-size: cover;
```

```
        height: 100vh;
```

```
    }
```

```
    h1{
```

```
        color: aliceblue;
```

```
        text-shadow: 2px 2px 1px;
```

```
    }
```

```
    .s{
```

```
        height: 40px;
```

```
        width: 120px;
```

```
        color: rgb(149, 80, 80);
```

```
        /* background-color: rgb(192, 196, 196); */
```

```
/* color: rgb(245, 243, 242);  
background-color: rgb(53, 50, 50); */
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<h1 align="center">REGISTRATION FROM</h1><br>
```

```
<form action="insertSignup.php">
```

```
<table align="center">
```

```
<tr>
```

```
<td><font color="WHITE" size="5">Username:</font></td>
```

```
<td><input type="text" name="a1" placeholder="enter  
username"></td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">Email:</font></td>
```

```
<td><input type="email" name="a2" placeholder="enter  
email"></td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">Phone :</font></td>
```

```
<td><input type="number" name="a3" placeholder="enter
Phone" class="form-control" ></td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">Password :</font></td>
```

```
<td><input type="password" name="a4" placeholder="enter
password"></td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">Date of Birth
:</font></td>
```

```
<td><input type="date" name="a5" placeholder="enter Date
of Birth" class="form-control w-50"
```

```
></td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">Gender:</font></td>
```

```
<td><input type="radio" name="a6" value="Male">Male
```

```
<input type="radio" name="a6" value="Female">Female
```

```
<input type="radio" name="a6" value="Others"> Others</td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">Address:</font></td>
```

```
<td><input type="address" name="a7" placeholder="enter
Address" class="form-control" ></td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">State:</font></td>
```

```
<td><input type="text" name="a8" placeholder="enter State"
class="form-control" ></td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">City:</font></td>
```

```
<td><input type="text" name="a9" placeholder="enter City"
class="form-control" ></td>
```

```
</tr>
```

```
<tr>
```

```
<td><font color="WHITE" size="5">Pin Code:</font></td>
```

```
<td><input type="number" name="a10" placeholder="enter
Pin Code" class="form-control w-25"
```

```
></td>
```

```
</tr>
```

```
<tr>
```

```
<td><p style="color: azure;"><input type="checkbox">By
creating an account <br> you agree to our <a href="Term and
Condition.html">Term & Condition</a></p></td>
```

```
</tr>
```



```
<tr>
<td colspan="9" align="center">
<input type="submit" class="s" value="Registration">
<!-- <button style="color: rgb(255, 254, 254); background-
color: black; height: 40px;width: 120px;" type="submit"
value="submit"> -->
    <!-- sign up</button> -->
</td>
</tr>

</table>
</form>
</body>
</html>
```

### **About-Services**

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

```
<meta charset="UTF-8">

<meta name="viewport" content="width=device-width,
initial-scale=1.0">

<title>Services</title>

<style>

  body{
background-image: url(blood.jpg);
  }

  h1{
    margin:2px;
    margin-right: 35px;
    color: white;
  }

.h{
  height:50px;
  width: 1400px;
  text-align: center;
  font-size: x-large;
}

p{
  text-align: center;
  font-size:16px;
```

```
font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
```

```
color: white;
```

```
}
```

```
h2{
```

```
text-shadow: 2px 3px darkgrey;
```

```
}
```

```
.s img{
```

```
height: 100px;
```

```
width: 200px;
```

```
margin:2px;
```

```
display: inline;
```

```
padding-right: 20px;
```

```
}
```

```
.s{
```

```
margin:2px;
```

```
margin-top: 280px;
```

```
display: flex;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div class="h">
```

<center>

<h1>Services</h1>

</center>

</div>

<center>

<h2>ABOUT</h2>

<p>A blood donation camp is where medical professionals collect blood from donors of various blood groups for recipients who need blood for medical conditions.

<br><b>The Kelvin Society</b> has organised a blood donation camp on 24th May 2024 at morning 9AM, our office.<br>

Interested people please register online, our page is open for 24hours.

<br>For any other question contact us.</p>

</center>

<div class="s">









</div>

</body>

</html>

## Contact-page

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width,
initial-scale=1.0">
  <title>Contact-us</title>
  <style>
    h1{
      text-align: center;
      margin:2px;
      margin-left: 100px;
    }
    .i{
      margin:2px;
      margin-top:30px;
      display: flex;
    }
    .i img{
      border:2px solid black;
      box-shadow: 2px 3px 2px 3px darkgrey;
```

```
}  
.i p{  
    font-size: 20px;  
}  
.para{  
    display: block;  
}  
.para p{  
    margin: 2px;  
    margin-left: 55px;  
}  
.para a{  
    margin: 2px;  
    margin-left: 55px;  
    font-size: large;  
    color: darkblue;  
    margin-top: 55px;  
}  
.para a:hover{  
    color: black;  
}  
</style>  
</head>
```

<body>

<h1>Contact-us</h1>

<div class="i">



<div class="para">

<h1>Other Contacts</h1><br>

<p><b>Phone number-+1800 253 8746(Toll-free)<br>Available 24Hrs.for any help.</p><br>

<p><b>E-mail-kelvin.bloodbank24@gamil.com</b></p><br>

<p><b>Address-Near of Barrackpore station, West-Bengal, India</b></p><br>

<p>Any one can send letter.</p>

<br>

<br>

<br>

<a href="#"><ion-icon name="logo-facebook"></ion-icon></a>

<a href="#"><ion-icon name="logo-instagram"></ion-icon></a>

<a href="#"><ion-icon name="logo-twitter"></ion-icon></a>

<a href="#"><ion-icon name="logo-google"></ion-icon></a>

```
<a href="#"><ion-icon name="logo-skype"></ion-  
icon></a>  
  
<br>  
  
<br>  
  
<p><u>Also Contact-us by our social media  
pages</u></p>  
</div>  
  
</div>  
  
<script  
src="https://unpkg.com/ionicons@5.4.0/dist/ionicons.js"></sc  
ript>  
  
</body>  
</html>
```

## **8. Testing**

### **Team Interaction**

The following describes the level of team interaction necessary to have a successful product.

- Test team will work closely with the development team to achieve high quality design open user interface specification based on customer requirement. The team is responsible for visualising test cases and raising quality issue in concern during meetings address issue early enough in the development cycle.



- The test team will work closely build Development Team to determine whether or not application meet standards for completeness. If an area is not acceptable for testing, the code complete date will be pushed out, giving the developers additional time to stabilize India.
- Since the application interacts with the back-end system component command test team will need to include a plan for integration testing. Integration testing must be executed successfully prior to system testing.

## **9.Test Objective**

**Test objective** that means a prioritized list of verification or validation objectives for the project. The verification or validation objectives measure testing progress and ensure that testing activity supports project objectives.

## **10.Process overview**

The following represents the overall flow of the testing process:

- Identify the requirements to be tested. All test cases shall be derived using the current program specifications.
- Identify which particular test(s) will be used to test each module.
- Review the test data and test cases to ensure that a unit has been thoroughly and that the test data and test cases are adequate to verify proper operation of the unit.
- Identify the expected results for each test.
- Document test case configuration, test date and expected results.
- Perform the tests.

- Document the test data, test cases, and test configuration used during the testing process. This information shall be submitted via the unit/System Test Report (STR).
- Successful unit testing is required before the unit is eligible for component integration/System testing.
- Unsuccessful testing a bug report form to be generated. This document shall describe the test case, the problem encountered, its possible cause, and the sequence of events that led to the problem. It shall be used as a basis for later technical analysis.
- Test documents and reports shall be submitted. Any specifications to be reviewed, revised, or updated shall be handled immediately.

## **11. Testing Process**

- i) Organise project involves creating a system Test plan, Schedule & Test Approach, and Assigning responsibilities.
- ii) Design/Build System Test involves identifying Test Cycles, Test Cases, Entrance & Exit Criteria, Expected Results, etc. In general, Test conditions/expected results will be identified by the Test Team in conjunction with the Development Team. The Test Team will then identify Test Cases and the Data required. The Test conditions are derived from the program Specifications Document.
- iii) Design/Build Test Procedures includes setting up procedures such as Error Management systems and status reporting.
- iv) Build Test Environment includes requesting/building hardware, software and data set – ups.
- v) Execute System Tests –The tests identified in the Design/Build Test procedures will be executed. All results will be documented and Bug 58 report forms filled out and given to the Development Team as necessary.
- vi) Signoff –Signoff happens when all pre – defined exit criteria have been achieved.

## **12. Testing Strategy**

The following outlines the types of testing that will be done for unit, integration, and system testing. While it includes what will be tested, the specific use cases that determine how the testing is done will be detail In the Test Design Document. The test cases that will be used for designing use cases is shown in figure below.

## **13. Test-report**

**Tested by: All team members**

**Test type: unit testing**

**Test-period: 1-time**

**Test-project: Login & Sign up**

**Test-description: The developer he/she to check project work  
and the make sure the pages are working  
properly or not, Signup & Login and other  
pages.**

**Tests: To enter the username and password to log in.**

**Input:**

**username: newname**

**password: passkexx**

## **14.Unit Testing**

Unit Testing is done at the source or code lever for language – specific programming errors such as bad errors, or to test particular functions or code modules. The unit test cases shall be designed to test the validity of the program correctness.

## **15.White Box Testing**

In white box testing, the UI is bypassed. Inputs and outputs are tested directly at the code level and the results are compared against specifications. This form of testing ignores the function of the program under test and will focus only on its code and the structure of that code.

Test case designers shall generate cases that not only cause each condition to take on all possible values at least once, but that cause each such condition to be executed at least once.

To ensure this happens, we will be applying Branch Testing, Because the functionality of the program is relatively simple, this method will be feasible to apply. Each function of the binary tree repository is executed independent; 62 therefore, Program flow for each function has been derived from the code.

## **16.Black Box Testing**

Black box testing typically involves running through a every possible input verify that it results in the right outputs using the software as an end user would. we have decided to perform equivalence partitioning and boundary value analysis testing on our application.

## **17.System Testing**

The goals of system testing to detect faults that can only be exposed by testing entire integrated system or some major part of it. Generally, system testing is mainly concerned with area such as performance, security, validation, load/stress rule and configuration sensitivity. But in our case well focus only on functional validation in performance. And in both cases, we will use the black box method of testing.

## **18.Conclusion**

Project is fully made successfully.

Since this project has been done by HTML, CSS therefore this project can be further enhanced using more advanced PHP Technologies and adding online payment or other features.

This new system is surely to benefit the user and let them order watch in a much faster and efficient way.

## **Appendix:**

- 1.HTML & CSS
2. MVC (Model view controller)
3. SC (Socket controller)

## **Reference/Bibliography**

- 1.Books-Mastering HTML, CSS, JAVASCRIPT, WEBPLISHING BY LAURA LEMAY, RAFE COLBURN, JENIFER KYRNIN.
- 2.<https://www.bloodconnect.org>.
- 3.Teacher & friends help.