# APPLICATION BUILDING

#### HTML Code

Date	17 November 2022
Team ID	PNT2022TMID18501
Project Name	VirtualEye - Life Guard For Swimming Pools To Detect Active Drowning
Maximum Marks	8 Marks

#### Login.html

```
<!DOCTYPE html>
 <meta charset="UTF-8">
 <meta name="viewport" content="width=device-width, initial- scale=1">
 <title>Virtual Eye</title>
 <link href='https://fonts.googleapis.com/css?family=Pacifico'</pre>
rel='stylesheet' type='text/css'>
 <link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet'</pre>
type='text/css'>
 <link href='https://fonts.googleapis.com/css?family=Hind:300'</pre>
rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Open+Sans+Conde nsed:300'</pre>
rel='stylesheet' type='text/css'>
 <link href='https://fonts.googleapis.com/css?family=Merriweather'</pre>
rel='stylesheet'>
 <link href='https://fonts.googleapis.com/css?family=Josefin Sans'</pre>
rel='stylesheet'>
 <link href='https://fonts.googleapis.com/css?family=Montserrat'</pre>
rel='stylesheet'>
 .header {
     top:0; margin:0px; left: 0px; right: 0px;
```

```
position: fixed;
 background-color: #070a64; color: white;
box-shadow: Opx 8px 4px rgb(6, 8, 145); overflow: hidden;
padding-left:20px;
font-family: 'Josefin Sans'; font-size: 2vw;
width: 100%; height:8%;
text-align: center;
 .topnav {
 top:0; margin:0px; left: 0px; right: 0px;
 position: fixed;
 background-color: #060082;
 box-shadow: 0px 8px 4px grey; overflow: hidden;
padding-left:20px;
width: 100%; height:8%;
text-align: center;
overflow: hidden; background-color: #333;
 .topnav-right a {
float: left; color: #f2f2f2;
text-align: center; padding: 14px 16px; text-decoration: none; font-size:
18px;
 .topnav-right a:hover { background-color: #ddd; color: black;
 .topnav-right a.active { background-color: #565961; color: white;
 .topnav-right { float: right;
padding-right:100px;
 .login{
margin-top:-70px;
```

```
.login{
margin-top:100px;
input[type=text], input[type=email],input[type=number],input[type=password] {
width: 100%;
padding: 12px 20px; display: inline-block; margin-bottom:18px; border: 1px
solid black; box-sizing: border-box;
color: #000;
background-color: #28272c; color: white;
padding: 14px 20px; margin-bottom:8px; border: none; cursor: pointer; width:
100%;
font-weight:bold;
button:hover { opacity: 0.8;
 .cancelbtn { width: auto;
padding: 10px 18px; background-color: #f44336;
```

```
.cancelbtn { width: 100%;
   .container {
   display: flex;
   justify-content: center;
   font-family: Arial, Helvetica, sans-serif;
   align-items: center;
    background-image:url('https://www.eeweb.com/wp-content/uploads/projects-
featured-projects-deployable-drowning-detection-system-1489370758.png');
   background-repeat: no-repeat;
    background-size:cover;
height:80vh;
.container-wrapper {
   padding: 3em;
   margin: 2em;
   width: max-content;
   height: max-content;
    background-color: #23237fb3 ;
   border-radius: 30px;
.login-text {
    text-align: center;
   font-size: 2em;
   margin-top: -2%;
```

```
.item {
   padding: 0.2em;
.container-wrapper label,
   padding: 0.2em;
.submit {
   text-align: center;
  margin-top: 20px;
   margin: 2em auto 2em auto
.input {
   padding: 20px;
   border-radius: 30px;
   border: none;
   font-size: 20px;
   margin: 5px;
.remember {
   font-size: normal;
   margin-left: 40%;
```

```
display: inline-block;
   margin-top: 17px;
.ac {
   display: inline-block;
   font-size: medium;
   margin-top: 24px;
   text-align: center;
   font-family: 'Varela Round', sans-serif;
   color:WHITE;
.ac a {
   text-decoration: underline;
    color: WHITE;
.ac-logo {
   padding: 5px;
   size: 20px;
#toc {
    display: inline-block;
   margin-top: 10px;
.social-media {
   display: flex;
   justify-content: space-evenly;
.container h2 {
   width: 100%;
   text-align: center;
   border-bottom: 1px solid #000;
   line-height: 0.1em;
   margin: 10px 0 20px;
.container h2 span {
   background-color: black;
   padding: 0 10px;
```

```
.social-mediaImg {
   width: 48px;
@media only screen and (max-width: 500px) {
   .container-wrapper {
       padding: 2em;
       margin: 1em;
   .login-text {
       font-size: 1.5em;
   .item {
       padding: 0.1em;
       text-align: center;
   .container-wrapper label,
       padding: 0.1em;
   .submit {
       margin-top: 1em;
       margin-bottom: 2em;
       margin: 1em auto 1em auto
   .input {
       padding: 10px;
       border-radius: 15px;
       font-size: 15px;
```

```
.remember {
        font-size: smaller;
        margin-left: 6em;
    .ac {
        font-size: small;
    #toc {
       font-size: small;
    .social-mediaImg {
        width: 40px;
    .container h2 span {
       font-size: medium;
.icons8-google {
    display: inline-block;
    height: 48px;
    background:
url('
zdmciIHg9IjBweCIgeT0iMHB4Igp3aWR0aD0iNDgiIGhlaWdodD0iNDgiCnZpZXdCb3g9IjAgMCA00
CA00CIKc3R5bGU9IiBmaWxs0iMwMDAwMDA7Ij48cGF0aCBmaWxsPSIjRkZDMTA3IiBkPSJNNDMuNjE
xLDIwLjA4M0g0MlYyMEgyNHY4aDExLjMwM2MtMS42NDksNC42NTctNi4w0Cw4LTExLjMwMyw4Yy02L
jYyNywwLTEyLTUuMzczLTEyLTEyYzAtNi42MjcsNS4zNzMtMTIsMTItMTJjMy4wNTksMCw1Ljg0Miw
xLjE1NCw3Ljk2MSwzLjAzOWw1LjY1Ny01LjY1N0MzNC4wNDYsNi4wNTMsMjkuMjY4LDQsMjQsNEMxM
i45NTUsNCw0LDEyLjk1NSw0LDI0YzAsMTEuMDQ1LDgu0TU1LDIwLDIwLDIwYzExLjA0NSwwLDIwLTg
uOTU1LDIwLTIwOzO0LDIyLjY1OSw0My44NjIsMjEuMzUsNDMuNjExLDIwLjA4M3oiPjwvcGF0aD48c
GF0aCBmaWxsPSIjRkYzRDAwIiBkPSJNNi4zMDYsMTQuNjkxbDYuNTcxLDQuODE5QzE0LjY1NSwxNS4
xMDgsMTguOTYxLDEyLDI0LDEyYzMuMDU5LDAsNS44NDIsMS4xNTQsNy45NjEsMy4wMzlsNS42NTctN
S42NTdDMzQuMDQ2LDYuMDUzLDI5LjI2OCw0LDI0LDRDMTYuMzE4LDQs0S42NTYs0C4zMzcsNi4zMDY
sMTQuNjkxeiI+PC9wYXRoPjxwYXRoIGZpbGw9IiM0Q0FGNTAiIGQ9Ik0yNCw0NGM1LjE2NiwwLDku0
DYtMS45NzcsMTMuNDA5LTUuMTkybC02LjE5LTUuMjM4QzI5LjIxMSwzNS4wOTEsMjYuNzE1LDM2LDI
0LDM2Yy01LjIwMiwwLTkuNjE5LTMuMzE3LTExLjI4My03Ljk0NmwtNi41MjIsNS4wMjVDOS41MDUsM
zkuNTU2LDE2LjIyNyw0NCwyNCw0NHoiPjwvcGF0aD48cGF0aCBmaWxsPSIjMTk3NkQyIiBkPSJNNDM
uNjExLDIwLjA4M0g0MlYyMEgyNHY4aDExLjMwM2MtMC430TIsMi4yMzctMi4yMzEsNC4xNjYtNC4wO
```

DcsNS41NzFiMC4wMDEtMC4wMDEsMC4wMDItMC4wMDEsMC4wMDMtMC4wMDJsNi4xOSw1LiIzOEMzNi4

```
5NzEsMzkuMjA1LDQ0LDM0LDQ0LDI0QzQ0LDIyLjY1OSw0My44NjIsMjEuMzUsNDMuNjExLDIwLjA4M
3oiPjwvcGF0aD48L3N2Zz4=') 50% 50% no-repeat;
    background-size: 100%;
.icons8-facebook-circled {
    display: inline-block;
    height: 48px;
    background:
url('
zdmciIHg9IjBweCIgeT0iMHB4Igp3aWR0aD0iNDgiIGhlaWdodD0iNDgiCnZpZXdCb3g9IjAgMCA0O
CA0OCIKc3R5bGU9IiBmaWxsOiMwMDAwMDA7Ij48bGluZWFyR3JhZGllbnQgaWQ9IkNYYW51d0Q5RUd
rQmdUbjc2XzFteGFfcDYyQVNQSzJLcHFwX2dyMSIgeDE9IjkuOTkzIiB4Mj0iNDAuNjE1IiB5MT0iL
TI5OS45OTMiIHkyPSItMzMwLjYxNSIgZ3JhZGllbnRUcmFuc2Zvcm09Im1hdHJpeCgxIDAgMCAtMSA
wICOyOTApIiBncmFkaWVudFVuaXRzPSJ1c2VyU3BhY2VPb1VzZSI+PHN0b3Agb2Zmc2V0PSIwIiBzd
G9wLWNvbG9yPSIjMmFhNGY0Ij48L3N0b3A+PHN0b3Agb2Zmc2V0PSIxIiBzdG9wLWNvbG9yPSIjMDA
3YW05Ij48L3N0b3A+PC9saW51YXJHcmFkaWVudD48cGF0aCBmaWxsPSJ1cmwoI0NYYW51d0Q5RUdrQ
mdUbjc2XzFteGFfcDYyOVNQSzJLcHFwX2dyMSkiIGQ9Ik0yNCw0QzEyLjk1NCw0LDQsMTIuOTU0LDQ
sMjRjMCwxMC4wMjgsNy4zNzksMTguMzMxLDE3LjAwNCwxOS43NzcJQzIxLjk4MSw0My45MjQsMjIuO
TgyLDQxLDI0LDQxYzAuOTE5LDAsMS44MjQsMi45MzgsMi43MTEsMi44MThDMzYuNDc1LDQyLjQ5NSw
ONCwzNC4xMjcsNDQsMjRDNDQsMTIuOTU0LDM1LjA0Niw0LDI0LDR6Ij48L3BhdGg+PHBhdGggZD0iT
TI3LjcwNywyMS4xNjljMC0xLjQyNCwwLjMwNS0zLjEyMSwxLjc1Ny0zLjEyMWg0LjI4M2wtMC4wMDE
tNS42MTdsLTAuMDUtMC44NTJsLTAuODQ2LTAuMTE0CWMtMC42MDgtMC4wODItMS44NzMtMC4yNTMtN
C4yMDYtMC4yNTNjLTUuNTY5LDAtOC42MzYsMy4zMTUtOC42MzYsOS4zMzR2Mi40OThIMTUuMDZ2Ny4
yNThoNC45NDhWNDMuNg1DMjEuMjk4LDQzLjg2MSwyMi42MzMsNDQsMjQsNDRjMS4yNjgsMCwyLjUwN
COwLjEzMSwzLjcwNyOwLjM1N1YzMC4zMDFoNS4wMzNsMS4xMjItNy4yNThoLTYuMTU1VjIxLjE2OXo
iIG9wYWNpdHk9Ii4wNSI+PC9wYXRoPjxwYXRoIGQ9Ik0yNy4yMDcsMjEuMTY5YzAtMS4zNTMsMC4yO
TMtMy42MjEsMi4yNTctMy42MjFoMy43ODNWMTIuNDZsLTAuMDI2LTAuNDRsLTAuNDMzLTAuMDU5CWM
tMC410TctMC4wODEtMS44MzgtMC4yNDktNC4xNDMtMC4yNDljLTUuMzIzLDAt0C4xMzYsMy4wNTUt0
C4xMzYsOC44MzR2Mi45OThIMTUuNTZ2Ni4yNThoNC45NDh2MTMuODc0CUMyMS42NDQsNDMuODc2LDI
yLjgwNiw0NCwyNCw0NGMxLjA5NCwwLDIuMTYtMC4xMTIsMy4yMDctMC4y0DFWMjku0DAxaDUuMTA0b
DAuOTY3LTYuMjU4aC02LjA3MlYyMS4xNjl6IiBvcGFjaXR5PSIuMDUiPjwvcGF0aD48cGF0aCBmaWx
sPSIjZmZmIiBkPSJNMjYuNzA3LDI5LjMwMWg1LjE3NmwwLjgxMy01LjI10GgtNS450Dl2LTIu0Dc0Y
zAtMi4xODQsMC43MTQtNC4xMjEsMi43NTctNC4xMjFoMy4yODNWMTIuNDYJYy0wLjU3Ny0wLjA3OC0
xLjc5Ny0wLjI00C00LjEwMi0wLjI00GMtNC44MTQsMC03LjYzNiwyLjU0Mi03LjYzNiw4LjMzNHYzL
jQ50EgxNi4wNnY1LjI10Gg0Ljk00HYxNC40NzUJQzIxLjk40Cw0My45MjMsMjIu0TgxLDQ0LDI0LDQ
0YzAuOTIxLDAsMS44Mi0wLjA2MiwyLjcwNy0wLjE4M1YyOS4zMDF6Ij48L3BhdGg+PC9zdmc+')
50% 50% no-repeat;
    background-size: 100%;
.icons8-twitter {
    display: inline-block;
    height: 48px;
    background:
url('
zdmciIHg9IjBweCIgeT0iMHB4Igp3aWR0aD0iNDgiIGhlaWdodD0iNDgiCnZpZXdCb3g9IjAgMCA00
CA00CIKc3R5bGU9IiBmaWxs0iMwMDAwMDA7Ij48bGluZWFyR3JhZGllbnQgaWQ9Il9vc245eklOMmY
```

2UmhUc1k4V2hZNGFfNU1RMGdQQV1ZeDdhX2dyMSIgeDE9IjEwLjM0MSIgeDI9IjQwLjc5OCIgeTE9I jguMzEyIiB5Mj0iMzguNzY5IiBncmFkaWVudFVuaXRzPSJ1c2VyU3BhY2VPblVzZSI+PHN0b3Agb2Z mc2V0PSIwIiBzdG9wLWNvbG9yPSIjMmFhNGY0Ij48L3N0b3A+PHN0b3Agb2Zmc2V0PSIxIiBzdG9wL WNvbG9yPSIjMDA3YWQ5Ij48L3N0b3A+PC9saW51YXJHcmFkaWVudD48cGF0aCBmaWxsPSJ1cmwoI19 vc245ekl0MmY2UmhUc1k4V2hZNGFfNU1RMGdQQVlZeDdhX2dyMSkiIGQ9Ik00Ni4xMDUsMTEuMDJjL TEuNTUxLDAuNjg3LTMuMjE5LDEuMT01LTOu0Tc5LDEuMzYyYzEuNzg5LTEuMDYyLDMuMTY2LTIuNzU 2LDMuODEyLTQuNzU4CWMtMS42NzQsMC45ODEtMy41MjksMS43MDItNS41MDIsMi4wODJDMzcuODYsO C4wMzYsMzUuNjEyLDcsMzMuMTIyLDdjLTQuNzgzLDAtOC42NjEsMy44NDMtOC42NjEsOC410DIJYzA sMC42NzEsMC4wNzksMS4zMjQsMC4yMjYsMS45NThjLTcuMTk2LTAuMzYxLTEzLjU3OS0zLjc4Mi0xN v44NDkt0C45NzRjLTAuNzUsMS4vNjktMS4xNzIsMi43NT0tMS4xNzIsNC4zMjIJYzAsMi45NzksMS4 1MjUsNS42MDIsMy44NTEsNy4xNDdjLTEuNDItMC4wNDMtMi43NTYtMC40MzgtMy45MjYtMS4wNzJjM CwwLjAyNiwwLDAuMDY0LDAsMC4xMDFjMCw0LjE2MywyLjk4Niw3LjYzLDYuOTQ0LDguNDE5CWMtMC4 3MjMsMC4xOTgtMS400DgsMC4zMDgtMi4yNzYsMC4zMDhjLTAuNTU5LDAtMS4xMDQtMC4wNjMtMS42M zItMC4xNThjMS4xMDIsMy40MDIsNC4yOTksNS44ODksOC4wODcsNS45NjMJYy0yLjk2NCwyLjI5OC0 2LjY5NywzLjY3NC0xMC43NTYsMy42NzRjLTAuNzAxLDAtMS4zODctMC4wNC0yLjA2NS0wLjEyMkM3L jczLDM5LjU3NywxMi4yODMsNDEsMTcuMTcxLDQxCWMxNS45MjcsMCwyNC42NDEtMTMuMDc5LDI0LjY 0MS0yNC40MjZjMC0wLjM3Mi0wLjAxMi0wLjc0Mi0wLjAyOS0xLjEwOEM0My400DMsMTQuMjY1LDQ0L jk00CwxMi43NTEsNDYuMTA1LDExLjAyIj48L3BhdGg+PC9zdmc+') 50% 50% no-repeat;

```
background-size: 100%;}
    #loader{
  height: 2000px;
  width: 2000px;
  background: #69decb;
  position: fixed;
  top: 100%;
  left: 80%;
  transform:
  translate(-50%, -50%);
  z-index: 1000;
   transition:all.5s ;
#loader img
{ position: center;
  top: 100%;
  Left: 80%;
  transform:
  translate(-50%, -50%);
  background: #69decb;
.select{
  padding: 3px 5px;
 color: #000000;
```

```
background-color: aliceblue;
  border: 1px solid #dddd;
  cursor: pointer;
  border-radius: 5px;
.select:focus,
.select:hover{
 outline: none;
  border: 1 px solid #b1aeae;
 </head>
 <body style="font-family:Montserrat;" opacity: 0.7;>
 <div class="header">
 <div style="width:50%;float:left;font-size:2vw;text-align:left;color:white;</pre>
padding-top:1%">Virtual Eye - Drowning detection</div>
 <div class="topnav-right" style="padding-top:0.5%;">
 <a href="index">Home</a>
     <a href="login">Login</a>
     <a href="register">Register</a>
 </div>
 </div>
 <div id="login" class="login">
 <form action="{{url_for('afterlogin')}}" method="post">
 <div class="container">
    <div class="container-wrapper">
        <h3 class="login-text"><i class="bi bi-person-circle ac-</pre>
logo"></i>Login</h3>
         <input type="email" placeholder="Enter registered email ID"</pre>
name="email" value="{{ request.form['email'] }}"required><br>
```

```
<input type="password" placeholder="Enter Password" name="password" value="{{</pre>
request.form['password'] }}" required>
 <h1>{{message}}</h1>
 <button type="submit">Login</button><br>
        </form>
        <h2><span>OR</span></h2>
        <div class="social-media">
            <a href="#"><div class="icons8-google social-mediaImg"></div></a>
            <a href="#"><div class="icons8-facebook-circled social-</pre>
mediaImg"></div></a>
            <a href="#"><div class="icons8-twitter social-mediaImg"></div></a>
        </div>
        <span class="ac">Don't have an Account? <a href="#">Sign Up</a></span>
    </div>
</div>
 <div class="container">
 </div>
 </form>
 </div>
 <div id="loader">
src="https://cdn.dribbble.com/users/1716464/screenshots/7087480/swimmer_loop_m
ax.gif" width=155%>
 </div>
<script type="text/javascript">
var loader= document.getElementById("loader");
window.resize(addEventListener("load", function(){
  loader.style.height="1000px";
  loader.style.width="1000px";
  loader.style.borderRadius="50%";
  loader.style.visibility="hidden";
```

```
//script>

</body>
</html>
```

### Register.html

```
<!DOCTYPE html>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial- scale=1">
<title>Virtual Eye</title>
<link href='https://fonts.googleapis.com/css?family=Pacifico' rel='stylesheet'</pre>
type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet'</pre>
type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Hind:300' rel='stylesheet'</pre>
type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Open+Sans+Conde nsed:300'</pre>
rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Merriweather'</pre>
rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Josefin Sans'</pre>
rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Montserrat'</pre>
rel='stylesheet'>
.header {
top:0; margin:0px; left: 0px; right: 0px;
position: fixed;
background-color: #1a0082; color: white;
box-shadow: 0px 8px 4px grey; overflow: hidden;
padding-left:20px;
font-family: 'Josefin Sans'; font-size: 2vw;
width: 100%; height:8%;
```

```
text-align: center;
.topnav {
overflow: hidden; background-color: rgb(3, 20, 130);
.topnav-right a { float: left; color: #f2f2f2;
text-align: center; padding: 14px 16px; text-decoration: none; font-size:
18px;
.topnav-right a:hover { background-color: #ddd; color: black;
.topnav-right a.active { background-color: #565961; color: white;
.topnav-right { float: right;
padding-right:100px;
.login{
margin-top:-70px;
.login{
margin-top:100px;
input[type=text], input[type=email],input[type=number],input[type=password] {
width: 100%;
padding: 12px 20px; display: inline-block; margin-bottom:18px; border: 1px
solid #ccc; box-sizing: border-box;
background-color: #28272c; color: white;
padding: 14px 20px; margin-bottom:8px; border: none; cursor: pointer; width:
100%;
button:hover { opacity: 0.8;
```

```
.cancelbtn { width: auto;
padding: 10px 18px; background-color: #f44336;
img.avatar { width: 30%;
border-radius: 50%;
span.psw { float: right;
padding-top: 16px;
@media screen and (max-width: 300px) { span.psw {
display: block;
float: none;
.cancelbtn { width: 100%;
url('https://fonts.googleapis.com/css2?family=Varela+Round&display=swap');
    .container {
        display: flex;
        justify-content: center;
        font-family: Arial, Helvetica, sans-serif;
```

```
align-items: center;
.container-wrapper {
   padding: 3em;
   margin: 2em;
   width: max-content;
   height: max-content;
   background-color: #23237fb3;
   border-radius: 30px;
.login-text {
   text-align: center;
   font-size: 2em;
   margin-top: -2%;
   color: aliceblue;
.bi {color: azure;}
.item {
   padding: 0.2em;
.container-wrapper label,
   padding: 0.2em;
.submit {
   text-align: center;
  margin-top: 20px;
.submit button {
   padding: 0.5em 1em 0.5em 1em;
   border-radius: 4.7em;
   border: none;
   width: 100%;
   color: #000;
   background-color: white;
   font-size: 18px;
.submit button:hover {
```

```
background-color: #ff3449;
   cursor: pointer;
   box-shadow: #b5b6fb;
   margin: 2em auto 2em auto
.input {
   padding: 20px;
   border-radius: 30px;
   border: none;
   font-size: 20px;
   margin: 5px;
.remember {
   font-size: normal;
   margin-left: 40%;
   display: inline-block;
   margin-top: 17px;
.ac {
   display: inline-block;
   font-size: medium;
   margin-top: 24px;
   text-align: center;
   font-family: 'Varela Round', sans-serif;
   color:black ;
.ac a {
   text-decoration: underline;
   color: black;
.ac-logo {
   padding: 5px;
   size: 20px;
```

```
#toc {
    display: inline-block;
    margin-top: 10px;
.social-media {
    display: flex;
   justify-content: space-evenly;
.container h2 {
    width: 100%;
    text-align: center;
    border-bottom: 1px solid #000;
    line-height: 0.1em;
    margin: 10px 0 20px;
.container h2 span {
    background-color: black;
    padding: 0 10px;
.social-mediaImg {
    width: 48px;
@media only screen and (max-width: 500px) {
    .container-wrapper {
        padding: 2em;
        margin: 1em;
    .login-text {
        font-size: 1.5em;
    .item {
        padding: 0.1em;
        text-align: center;
    .container-wrapper label,
       padding: 0.1em;
```

```
.submit {
   margin-top: 1em;
   margin-bottom: 2em;
.submit button {
   padding: 0.5em 1em;
   border-radius: 4.7em;
   font-size: 14px;
   margin: 1em auto 1em auto
.input {
   padding: 10px;
    border-radius: 15px;
   font-size: 15px;
.remember {
   font-size: smaller;
   margin-left: 6em;
.ac {
   font-size: small;
#toc {
   font-size: small;
.social-mediaImg {
   width: 40px;
.container h2 span {
   font-size: medium;
```

```
<body style="font-family:Montserrat;"</pre>
background="https://img.freepik.com/premium-photo/little-girl-learning-swim-
pool_98296-1166.jpg?w=1380">
<div class="header">
<div style="width:50%;float:left;font-size:2vw;text-align:left;color:white;</pre>
padding-top:1%">Virtual Eye</div>
<div class="topnav-right" >
<a href="index">Home</a>
<a href="login">Login</a>
<a href="register">Register</a>
</div>
</div>
<div id="login" class="login">
<form action="{{url_for('afterreg')}}" method="post">
<div class="container">
  <div class="container-wrapper">
      <h3 class="login-text" ><i class="bi bi-person-circle ac-</pre>
logo"></i>Signup</h3>
      <form method="post">
        <input type="text" placeholder="Enter Name" name="name" value="{{</pre>
request.form['name'] }}" required><br>
        <input type="email" placeholder="Enter Email ID" name="_id" value="{{</pre>
request.form['email'] }}" required><br>
        <input type="password" placeholder="Enter Password" name="psw"</pre>
value="{{ request.form['password'] }}" required>
        <h1>{{message}}</h1>
        <button type="submit">Register</button><br>
      <span class="ac">Already have an Account? <a href="{{ url_for('login')}</pre>
}}">Log in</a></span>
  </div>
```

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

#### Index.html

```
<!DOCTYPE html>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial- scale=1">
<title>Virtual Eye</title>
<link href='https://fonts.googleapis.com/css?family=Pacifico' rel='stylesheet'</pre>
type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet'</pre>
type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Hind:300' rel='stylesheet'</pre>
type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Open+Sans+Conde nsed:300'</pre>
rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Merriweather'</pre>
rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Josefin Sans'</pre>
rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Montserrat'</pre>
rel='stylesheet'>
.header {
    top:0; margin:0px; left: 0px; right: 0px;
position: fixed;
background-color: #0f066d; color: white;
box-shadow: 0px 8px 4px grey; overflow: hidden;
padding-left:20px;
font-family: 'Josefin Sans'; font-size: 2vw;
width: 100%; height:8%;
```

```
text-align: center;
tabb{
        box-sizing: border-box;
    .column {
   float: left;
   width: 50%;
    .row:after {
    display: table;
    clear: both;
.topnav {
overflow: hidden; background-color: #333;
.topnav-right a { float: left; color: #f2f2f2;
text-align: center; padding: 14px 16px; text-decoration: none; font-size:
18px;
.topnav-right a:hover { background-color: #ddd; color: black;
.topnav-right a.active { background-color: #565961; color: white;
.topnav-right { float: right;
padding-right:100px;
.login{
margin-top:-70px;
background-color:#ffffff; background-repeat: no-repeat; background-size:cover;
background-position: 0px 0px; opacity: 0.7;
.login{
margin-top:100px;
```

```
form {border: 3px solid #f1f1f1; margin-left:400px;margin-right:400px;}
input[type=text], input[type=email],input[type=number],input[type=password] {
width: 100%;
padding: 12px 20px; display: inline-block; margin-bottom:18px; border: 1px
solid #ccc; box-sizing: border-box ;opacity: 0.7;
button {
background-color: #28272c; color: white;
padding: 14px 20px; margin-bottom:8px; border: none; cursor: pointer; width:
100%;
button:hover { opacity: 0.8;
.cancelbtn { width: auto;
padding: 10px 18px; background-color: #f44336;
.imgcontainer { text-align: center;
margin: 0px 0 0px 0;
padding-top: 0px;
.textt{
    text-align: center;
   font-size: 40px;
 display: flex;
  flex-wrap: wrap;
section .col {
  flex: 1 1 auto;
section .line-break {
 flex-basis: 100%;
 width: 0px;
 height: 0px;
 overflow: hidden;
 column {
```

```
float: left;
 width: 50%;
 padding: 10px;
 height: 300px; /* Should be removed. Only for demonstration */
.row:after {
 content: "";
 display: table;
  clear: both;
img.avatar {
   width:10%;
.tabb{
   align-items: center;
.container { padding: 16px;
span.psw { float: right;
padding-top: 16px;
        background-image:url('https://www.eeweb.com/wp-
content/uploads/projects-featured-projects-deployable-drowning-detection-
system-1489370758.png');
        background-repeat: no-repeat;
        background-size:cover;
 height:80vh;
 width: 100%;
 position: relative;
 top: 50%;
  Left: 50%;
 padding: 1rem;
  text-align: justify;
  transform: translate(-50%, -50%);
```

```
font-size: 1.75rem;
 margin: 0 0 0.75rem 0;
  text-align: center;
.left-half {
 float: left;
 width: 50%;
.right-half {
 float: left;
 width: 50%;
.vertical {
            border-left: 1px solid #808080;
            width: 8px;
            border-right:1px solid #808080;;
            height: 230px;
            position:absolute;
            left: 51%;
@media screen and (max-width: 300px) { span.psw {
display: block;
float: none;
.cancelbtn { width: 100%;
#loader{
 height: 2000px;
 width: 2000px;
 background: #69decb;
 position: fixed;
  top : 100%;
 Left: 80%;
  transform:
  translate(-50%, -50%);
  z-index: 1000;
```

```
transition:all.5s;
#loader img
{ position: center;
  top: 100%;
  Left: 80%;
  transform:
 translate(-50%, -50%);
 background: #69decb;
.select{
 padding: 3px 5px;
 color: #000000;
 background-color: aliceblue;
 border: 1px solid #dddd;
 cursor: pointer;
  border-radius: 5px;
.select:focus,
.select:hover{
 outline: none;
 border: 1 px solid #b1aeae;
<body style="font-family:Montserrat;">
<div class="header">
<div style="width:50%;float:left;font-size:2vw;text-align:left;color:white;</pre>
padding-top:1%">Virtual Eye - Drowning detection</div>
<div class="topnav-right" >
<a href="index">Home</a>
<a href="login">Login</a>
<a href="register">Register</a>
</div>
<div id="login" class="login">
```

```
<div class="textt">
          ABOUT PROJECT
       </div>
       <section class="container">
           <div class="left-half">
               <h1>Problem:</h1>
               The person who is swimming in a pool needs to be rescued as
soon as possible if he/she is drowning so that4
                    he/she does not die and swim without the fear of
drowning. The problem affects a lot of people than we
                    think it does. It affects, The person who drowns loses his
life.The person's kin and kith become
                    traumatized by the loss of their loved one. The fellow
swimmers who used to practice along with the
                   person who drowned get their confidence and passion
towards swimming lowered. Though Swimming is a healthy
                   exercise and popular sport there is always a risk of
people drowning. More than the fear of losing a
                   swimming competition the fear of drowning affects a lot of
people making them refrain from practicing.
                   </div>
           <div class="vertical"></div>
           <div class="right-half">
               <h1>Solution:</h1>
               The main idea revolves around capturing the swimmers real
time and
                   using only the important features like the joints and hand
movements to predict if the person is
                   drowning or not. This can be implemented using a media-
pipe or yolo package such a way that
                   we reduce the computational overload by considering only
the important features for prediction.
                   The real time capturing of the swimmers is done using a
camera and the captured footage is used
                   for further processing. The important features like the
joints and hand position are extracted
                   using a media-pipe. Then the extracted skeleton feature is
used for prediction in the model.
             </article>
           </div>
         </section>
```

### Prediction.html

```
background-color: black;
        text-align: center;
        a:link {
        color: rgb(0, 30, 136);
        background-color: transparent;
        text-decoration: none;
  #loader{
  height: 2000px;
  width: 2000px;
  background: #69decb;
  position: fixed;
  top : 100%;
  left: 80%;
  transform:
  translate(-50%, -50%);
  z-index: 1000;
  transition:all.5s;
#loader img
{ position: center;
  top: 100%;
  Left: 80%;
 transform:
 translate(-50%, -50%);
 background: #69decb;
.select{
 padding: 3px 5px;
 color: #000000;
 background-color: aliceblue;
 border: 1px solid #dddd;
 cursor: pointer;
```

```
border-radius: 5px;
.select:focus,
.select:hover{
 outline: none;
 border: 1 px solid #b1aeae;
       display: inline-block;
       background-color: #7b38d8;
       border-radius: 10px;
       border: 4px double #ccccc;
       color: #eeeeee;
       text-align: center;
       font-size: 28px;
       padding: 20px;
       width: 200px;
       transition: all 0.5s;
       cursor: pointer;
       margin: 5px;
       cursor: pointer;
       display: inline-block;
       position: relative;
       transition: 0.5s;
     button span:after {
       content: '\00bb';
       position: absolute;
       opacity: 0;
       top: 0;
       right: -20px;
       transition: 0.5s;
     button:hover {
       background-color: #f7c2f9;
     button:hover span {
       padding-right: 25px;
     button:hover span:after {
       opacity: 1;
       right: 0;
   </style>
```

```
<fieldset style="background-color: darkblue">
     <h1 align="center";>Virtual Eye - Drowning Detection</h1>
         </fieldset>
         <a href="index" >Home</a>&emsp;
         <a href="logout">logout</a>&emsp;
         <h1><u><center>Virtual Eye-Life Guard for Swimming Pools to Detect Active
Drowning</center></u></h1>
   Swimming is one of the best exercises
that helps people to reduce stress in this urban lifestyle. Swimming pools are
found larger in number in the hotels, weekend tourist spots and barely people
have in their house backyard. Beginners, especially often feel it difficult to
breathe under water and causes breathing trouble which in turn cause a
drowning accident. Worldwide, drowning produces a higher rate of mortality
without causing injury to children. Children under six of their age are found
to be suffering the highest drowning mortality rates worldwide...Such kinds of
deaths account for the third cause of unplanned death globally. with about 1.2
million cases yearly.
         <img src="{{url_for('static', filename='pics/page2.jpg')}}"</pre>
alt="A boy Drowning" width="600" height="400">
       <form action ="{{url_for('res')}}"method="get" >
       <button type="submit">Predict</button>
       <h4> {{prediction}}</h4>
   </form>
     <br><br><br>>
   <div class="footer">
       Copyright © 2022. All Rights Reserved 
     </div>
 <div id="loader">
src="https://cdn.dribbble.com/users/1716464/screenshots/7087480/swimmer_loop_m
ax.gif" width=155%>
```

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

var loader= document.getElementById("loader");
window.resize(addEventListener("load",function(){

loader.style.height="1000px";
loader.style.width="1000px";
loader.style.borderRadius="50%";
loader.style.visibility="hidden";

})

</script>

<img src="https://images.app.goo.gl/RgrRkVo6HPdFELZBA" alt="img">
</body>
</html>
```

## Logout.html

```
<head>
    <title>Logout page</title>

<style>
    @import

url('https://fonts.googleapis.com/css2?family=Great+Vibes&display=swap');

.header {
    top:0; margin:0px; Left: 0px; right: 0px;
    position: fixed;
    background-color: #1f009b; color: white;

padding-Left:20px;
font-family: 'Josefin Sans'; font-size: 2vw;
width: 100%; height:7%;
text-align: center;
opacity: 0.9;
}
.topnav {
overflow: hidden; ;
```

```
.topnav-right a { float: left; color: #f2f2f2;
text-align: center; padding: 14px 16px; text-decoration: none; font-size:
18px;
.topnav-right a:hover { background-color: #ddd; color: black;
.topnav-right a.active { background-color: #565961; color: white;
.topnav-right { float: right;
padding-right:100px;
 background: linear-gradient(to bottom left, #9966ff 0%, #990033 100%);
  background-repeat:no-repeat;
 height:520px;
.text-center{
 color:white;
 font-size:55px;
 margin-top:50px;
  line-height: 5;
 font-family: 'Great Vibes', cursive;
  text-align: center;
.message1 {
 font-size:25px;
 color:white;
 margin-top:70px;
 font-family:times new roman;
  text-align:center;
message2{
 text-align:center;
 color:white;
 margin-top:20px;
 font-size:25px;
 margin-left:30px;
 font-family:times new roman;
 padding: 10px 20px;
   text-align: center;
```

```
text-decoration: none;
  font-size: 16px;
 cursor: pointer;
  border-radius:10px;
 margin-left:45%;
  color:black;
  background-color: white;
button:hover{
 background-color:white;
</style>
  <div class="header">
   <div style="width:50%;float:left;font-size:2vw;text-</pre>
align:left;color:white; padding-top:1%">Virtual Eye - Drowning detection
   <div class="topnav-right" >
    <a href="index">Home</a>
    <a href="login">Login</a>
    <a href="register">Register</a>
    </div>
```