

# SPRINT -1

DATE	5 OCTOBER 2022
TEAM ID	PNT2022TMID07728
PROJECT NAME	Virtual eye - Life Guard for Swimming Pools to Detect Active Drowning

## HTML CODE

### INDEX.html

```
<!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">


  <!--Bootstrap -->

  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"
integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">

  <script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtIkVYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"
crossorigin="anonymous"></script>

  <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"
integrity="sha384-
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"
crossorigin="anonymous"></script>
```

```
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"
integrity="sha384-
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"
crossorigin="anonymous"></script>
```

```
<script src="https://kit.fontawesome.com/8b9cdc2059.js" crossorigin="anonymous"></script>
```

```
<link
href="https://fonts.googleapis.com/css2?family=Akronim&family=Roboto&display=swap"
rel="stylesheet">
```

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

```
<!-- <script defer src="../static/js/main.js"></script> -->
```

```
<title>Virtual Eye</title>
```

```
</head>
```

```
<body>
```

```
<header id="head" class="header">
```

```
<section id="navbar">
```

```
<h1 class="nav-heading"><i>Virtual Eye</i></h1>
```

```
<div class="nav--items">
```

```
<ul>
```

```
<li><a href="{{ url_for('index')}}">Home</a></li>
```

```
<li><a href="{{ url_for('login')}}">Login</a></li>
```

```
<li><a href="{{ url_for('register')}}">Register</a></li>
```

```
<li><a href="{{ url_for('login')}}">Demo</a></li>
```

```
</ul>
```

```
</div>
```

```
</section>
```

```
<section id="slider">

<div id="carouselExampleIndicators" class="carousel" data-ride="carousel">

  <ol class="carousel-indicators ">

    <li data-target="#carouselExampleIndicators" data-slide-to="0" class="active "></li>

    <li data-target="#carouselExampleIndicators" data-slide-to="1"></li>

    <li data-target="#carouselExampleIndicators" data-slide-to="2"></li>

  </ol>

  <div class="carousel-inner">

    <div class="carousel-item active">

      

    </div>

    <div class="carousel-item">

      

    </div>

    <div class="carousel-item">

      

    </div>

  </div>

  <a class="carousel-control-prev" href="#carouselExampleIndicators" role="button" data-
slide="prev">

    <span class="carousel-control-prev-icon" aria-hidden="true"></span>

    <span class="sr-only">Previous</span>

  </a>

  <a class="carousel-control-next" href="#carouselExampleIndicators" role="button" data-
slide="next">
```

<span class="carousel-control-next-icon" aria-hidden="true"></span>

<span class="sr-only">Next</span>

</a>

</div>

</section>

</header>

<section id="about">

<div class="top">

<h3 class="title text-muted">

ABOUT PROJECT

</h3>

<div class="line"></div>

</div>

<div class="body">

<div class="left">

<h2>Problem:</h2>

<p>

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.

</p>



```

        </ol></h5>

</div>

</div>

<div class="bottom">


</div>

</section>


<section id="footer">

    <p>Copyright © 2021. All Rights Reserved</p>

    <!-- <div class="social">

        <a href="#" target="_blank"><i class="fab fa-2x fa-twitter-square"></i></a>

        <a href="#" target="_blank">

            <i class="fab fa-2x fa-linkedin"></i></a>

            <a href="#">

                <i class="#"></i>

            </a>

        </div-->

</section>

</body>

</html>

REGISTER.html

<!DOCTYPE html>

<html >

```

<head>

<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' type='text/css'>

<link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet' type='text/css'>

<link href='https://fonts.googleapis.com/css?family=Hind:300' rel='stylesheet' type='text/css'>

<link href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:300' rel='stylesheet' type='text/css'>

<link rel="stylesheet" href="{ { url\_for('static', filename='css/style.css') } }">

<link href='https://fonts.googleapis.com/css?family=Merriweather' rel='stylesheet'>

<link href='https://fonts.googleapis.com/css?family=Josefin+Sans' rel='stylesheet'>

<link href='https://fonts.googleapis.com/css?family=Montserrat' rel='stylesheet'>

<style>

.header {

top:0;

margin:0px;

left: 0px;

right: 0px;

position: fixed;

background-color: #28272c;

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: #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;
}
```

```
body {

    background-color: #ffffff;
    background-repeat: no-repeat;
    background-size: cover;
    background-position: 0px 0px;
    background-image: url('../static/img/backgroud.jpg');
}
```

```
.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;
    }

    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: 24px 0 12px 0;  
}
```

```
img.avatar {  
  width: 25%;  
  border-radius: 50%;  
}
```

```
.container {  
  padding: 16px;  
}
```

```
span.psw {  
  float: right;  
  padding-top: 16px;
```

```
}
```

```
/* Change styles for span and cancel button on extra small screens */
```

```
@media screen and (max-width: 300px) {
```

```
  span.psw {
```

```
    display: block;
```

```
    float: none;
```

```
  }
```

```
  .cancelbtn {
```

```
    width: 100%;
```

```
  }
```

```
}
```

```
</style>
```

```
</head>
```

```
<body style="font-family:Montserrat;">
```

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

```
<div style="width:50%;float:left;font-size:2vw;text-align:left;color:white; padding-top:1%">Virtual Eye</div>
```

```
<div class="topnav-right" >
```

```
<a href="{{ url_for('home')}}">Home</a>
```

<a href="{{ url\_for('login')}}">Login</a>

<a class="active" href="{{ url\_for('register')}}">Register</a>

</div>

</div>

<div id="login" class="login">

<form action="{{ url\_for('afterreg')}}" method="post">

<div class="imgcontainer">



</div>

<div class="container">

<input type="text" placeholder="Enter Name" name="name"

required><br>

<input type="email" placeholder="Enter Email ID" name="\_id"

required><br>

<input type="password" placeholder="Enter Password" name="psw"

required>

<button type="submit">Register</button><br>

{{pred}}

</div>

<div class="container" style="background-color:#f1f1f1">

<div class="psw">Already have an account?&nbsp; &nbsp;<a href="{{ url\_for('login') }}">Login</a></div >

</div>

</form>

</div>

</body>

</html>

## **LOGIN.html**

<!DOCTYPE html>

<html >

<head>

<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' type='text/css'>

<link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet' type='text/css'>

<link href='https://fonts.googleapis.com/css?family=Hind:300' rel='stylesheet' type='text/css'>

<link href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:300' rel='stylesheet' type='text/css'>

<!link rel="stylesheet" href="{ { url\_for('static', filename='css/style.css') } }">

<link href='https://fonts.googleapis.com/css?family=Merriweather' rel='stylesheet'>

<link href='https://fonts.googleapis.com/css?family=Josefin Sans' rel='stylesheet'>

```
<link href='https://fonts.googleapis.com/css?family=Montserrat' rel='stylesheet'>
```

```
<style>
```

```
.header {
```

```
    top:0;
    margin:0px;
    left: 0px;
    right: 0px;
    position: fixed;
    background-color: #28272c;
    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: #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;
}

body {

background-color:#ffffff;

background-repeat: no-repeat;

background-size:cover;

background-position: 0px 0px;

background-image: url('../static/img/backgroud.jpg');

}

.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;

}
```

```
button {  
  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;  
}
```

```
.imgcontainer {  
  text-align: center;  
  margin: 24px 0 12px 0;  
}
```

```
img.avatar {  
    width: 25%;  
    border-radius: 50%;  
}
```

```
.container {  
    padding: 16px;  
}
```

```
span.psw {  
    float: right;  
    padding-top: 16px;  
}
```

```
/* Change styles for span and cancel button on extra small screens */
```

```
@media screen and (max-width: 300px) {  
    span.psw {  
        display: block;  
        float: none;  
    }  
    .cancelbtn {  
        width: 100%;  
    }  
}
```

```
}
```

```
</style>
```

```
</head>
```

```
<body style="font-family:Montserrat;">
```

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

```
<div style="width:50%;float:left;font-size:2vw;text-align:left;color:white; padding-top:1%">Virtual Eye</div>
```

```
<div class="topnav-right" style="padding-top:0.5%;">
```

```
<a href="{{ url_for('index')}}">Home</a>
```

```
<a class="active" href="{{ url_for('login')}}">Login</a>
```

```
<a href="{{ url_for('register')}}">Register</a>
```

```
</div>
```

```
</div>
```

```
<div id="login" class="login">
```

```
<form action="{{ url_for('afterlogin')}}" method="post">
```

```
<div class="imgcontainer">
```

```

```

```
</div>
```

```
<div class="container">

    <input type="email" placeholder="Enter registered email ID" name="_id"
required><br>

    <input type="password" placeholder="Enter Password" name="psw"
required>

    <button type="submit">Login</button><br>

    {{pred}}

</div>

</form>

</div>

</body>

</html>
```

### **PREDICTION.html**

```
<!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">
```

<!--Bootstrap -->

<link rel="stylesheet"  
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css"  
integrity="sha384-  
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJISAwIGgFAW/dAiS6JXm"  
crossorigin="anonymous">

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-  
KJ3o2DKtIkVYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN"  
crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"  
integrity="sha384-  
ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q"  
crossorigin="anonymous"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js"  
integrity="sha384-  
JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYI"  
crossorigin="anonymous"></script>

<script src="https://kit.fontawesome.com/8b9cdc2059.js" crossorigin="anonymous"></script>

<link  
href="https://fonts.googleapis.com/css2?family=Akronim&family=Roboto&display=swap"  
rel="stylesheet">

<link rel="stylesheet" href="../static/style.css">

<script defer src="../static/js/JScript.js"></script>

<title>Prediction</title>

</head>

<body>

```
<header id="head" class="header">

  <section id="navbar">

    <h1 class="nav-heading">Virtual Eye</h1>

    <div class="nav--items">

      <ul>

        <li><a href="{{ url_for('index')}}">Home</a></li>

        <li><a href="{{ url_for('logout')}}">Logout</a></li>

        <!-- <li><a href="#about">About</a></li>

        <li><a href="#services">Services</a></li> -->

      </ul>

    </div>

  </section>

</header>

<!-- dataset/Training/metal/metal326.jpg -->

</br>

<section id="prediction">

  <h2 class="title text-muted">Virtual Eye- Life Guard for Swimming Pools to Detect Active Drowning</h1>

  <div class="line" style="width: 900px;"></div>

  </section>

  </br>

  <section id="about">

<div class="body">
```

```
<div class="left">
```

```
<p>
```

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.

```
</p>
```

```
</div>
```

```
<div class="left">
```

```
<div class="prediction-input">
```

```

```

```
</br>
```

```
<form id="form" action="/result" method="post" enctype="multipart/form-data">
```

```
<input type="submit" class="submitbtn" value="Click Me! For a Demo"
onclick="drowning.mp4">
```

```
</form>
```

```
</div>
```

```
<h5 style="text-color:Red">
```

```
<b style="text-color:Red">{ {prediction} }<b>
```

```
</h5>
```

```
</div>
```



</div>

</section>

</br></br>

<section id="footer">

<p>Copyright © 2021. All Rights Reserved</p>

</section>

</body>

</html>

## **LOGOUT.html**

<!DOCTYPE html>

<html >

<head>

<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' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Hind:300' rel='stylesheet' type='text/css'>
<link href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:300' rel='stylesheet'
type='text/css'>
```

```
<link href='https://fonts.googleapis.com/css?family=Merriweather' rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Josefin Sans' rel='stylesheet'>
<link href='https://fonts.googleapis.com/css?family=Montserrat' rel='stylesheet'>
```

```
<style>
```

```
.header {
    top:0;
    margin:0px;
    left: 0px;
    right: 0px;
    position: fixed;
    background-color: #28272c;
    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: #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;
}
```

```
body {

    background-color: #ffffff;
    background-repeat: no-repeat;
    background-size: cover;
    background-position: 0px 0px;
    background-image: url('../static/img/loginimg.jpg');
}
```

```
.main{
    margin-top: 170px;
    text-align: center;
}
```

```
form { 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;  
}
```

```
button {  
    background-color: #28272c;  
    color: white;  
    padding: 14px 20px;  
    margin-bottom:8px;  
    border: none;  
    cursor: pointer;  
    width: 20%;  
}
```

```
button:hover {  
    opacity: 0.8;  
}
```

```
.cancelbtn {  
    width: auto;
```

```
padding: 10px 18px;
background-color: #f44336;
}
```

```
.imgcontainer {
  text-align: center;
  margin: 24px 0 12px 0;
}
```

```
img.avatar {
  width: 30%;
  border-radius: 50%;
}
```

```
.container {
  padding: 16px;
}
```

```
span.psw {
  float: right;
  padding-top: 16px;
}
```

```
/* Change styles for span and cancel button on extra small screens */
```

```
@media screen and (max-width: 300px) {
```

```
span.psw {
```

```
    display: block;
```

```
    float: none;
```

```
}
```

```
.cancelbtn {
```

```
    width: 100%;
```

```
}
```

```
}
```

```
</style>
```

```
</head>
```

```
<body style="font-family:Montserrat;">
```

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

```
    <div style="width:50%;float:left;font-size:2vw;text-align:left;color:white; padding-top:1%">Virtual eye</div>
```

```
    <div class="topnav-right" style="padding-top:0.5%;">
```

```
        <a href="{{ url_for('home')}}">Home</a>
```

```
        <a href="{{ url_for('login')}}">Login</a>
```

```
        <a href="{{ url_for('register')}}">Register</a>
```

```
    </div>
```

```
</div>
```

```
<div class="main">

<h1 style="color:#F4D03F"><strong>SUCCESSFULLY LOGGED OUT</strong></h1>

<h3 style="color:white">Login for more information<h3>

    <a href="{{ url_for('login') }}"><button type="submit">Login</button></a>

</form>

</div>

</body>

</html>
```

## CASCADING STYLE SHEETS

```
.img-preview {
    width: 256px;
    height: 256px;
    position: relative;
    border: 5px solid #F8F8F8;
    box-shadow: 0px 2px 4px 0px rgba(0, 0, 0, 0.1);
    margin-top: 1em;
    margin-bottom: 1em;
}

.img-preview>div {
    width: 100%;
```



```
height: 100%;  
background-size: 256px 256px;  
background-repeat: no-repeat;  
background-position: center;  
}
```

```
input[type="file"] {  
    display: none;  
}
```

```
.upload-label{  
    display: inline-block;  
    padding: 12px 30px;  
    background: #28272c;  
    color: #fff;  
    font-size: 1em;  
    transition: all .4s;  
    cursor: pointer;  
}
```

```
.upload-label:hover{  
    background: #C2C5A8;  
    color: #39D2B4;  
}
```

```
.loader {  
    border: 8px solid #f3f3f3; /* Light grey */  
    border-top: 8px solid #28272c; /* Blue */  
    border-radius: 50%;  
    width: 50px;  
    height: 50px;  
    animation: spin 1s linear infinite;  
}
```

```
@keyframes spin {  
    0% { transform: rotate(0deg); }  
    100% { transform: rotate(360deg); }  
}
```