

Project Development Phase

Sprint-2 Source code

Date	08 November 2022
Team ID	PNT2022TMID38060
Project Name	VirtualEye-Life Guard for swimming pools to detect active drowning
Maximum Mark	8

Base.html

```
<html lang="en">

<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="X-UA-Compatible" content="ie=edge">
<title>High Quality Facial Recognition</title>
<link href="https://cdn.bootcss.com/bootstrap/4.0.0/css/bootstrap.min.css" rel="stylesheet">
<script src="https://cdn.bootcss.com/popper.js/1.12.9/umd/popper.min.js"></script>
<script src="https://cdn.bootcss.com/jquery/3.3.1/jquery.min.js"></script>
>
<script src="https://cdn.bootcss.com/bootstrap/4.0.0/js/bootstrap.min.js"></script>

<link href="{{ url_for('static', filename='css/main.css') }}" rel="stylesheet">
<style>
.bg-dark {
background-color: #42678c!important;
}
#result {
color: #0a1c4ed1;
}
</style>
</head>

<body style="background-color:black;">
<header id="head" class="header">
<section id="navbar">
<h1 class="nav-heading"></i>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>
<div class="container">
<div id="content" style="margin-top:2em">
<div class="container">
<div class="row">
<div class="col-sm-6 bd" >

<h2><em style="color:white;">High Quality Facial Recognition</em></h2>
<br>
<p><h5><i style="color:white;">Emotion Detection Through Facial Feature Recognition</i></h5></p>

</div>
<div class="col-sm-6">
<div>
<h4 style="color:white;">Upload
Image Here</h4>
<form action = "http://localhost:5000/" id="upload-file" method="post" enctype="multipart/form-data">
<label for="imageUpload" class="upload-

label">

Choose Image
</label>
<input type="file" name="image"

id="imageUpload" accept=".png, .jpg, .jpeg, .pdf">
</form>

<div class="image-section" style="display:none;">
```

```

<div class="img-preview">
<div id="imagePreview">
</div>
</div>
<div>
<button type="button" class="btn btn- info btn-lg " id="btn-predict">Analyse</button>

</div>
</div>

<div class="loader" style="display:none;"></div>

<h3>
<span id="result"> </span>
</h3>

</div>
</div>

</div>
</body>

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

<footer>
<script src="{{ url_for('static', filename='js/main.js') }}" type="text/javascript"></script>
</footer>

</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+058RXPxPg6fy4IWvTNh0E263XmFcJISAwIGg
      FAW/dAiS6JXm" crossorigin="anonymous">
<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-
KJ3o2DKtlkvYIK3UENzmM7KCKRr/rE9/Qpg6aAZGJwFDMVNA/GpG FF93hXpG5KkN"
      crossorigin="anonymous"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js"
      integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPsk
      vXusvfa0b4Q" 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"></i>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">
</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 Â© 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;  
}
```

```
.main{  
margin-top: 100px; 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>Successfully Logged Out!</h1>

<h3 style="color:#4CAF50">Login for more information</h3>

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

</form>

</div>

</body>

</html>