

## Build HTML pages

Date	20 November 2022
Team ID	PNT2022TMID36293
Project Name	VirtualEye - LifeGuard for Swimming Pools to Detect Active Drowning

### 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">
  <title>VirtualEye - Home</title>
  <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
    rel="stylesheet"
    integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
    crossorigin="anonymous">
  <script
    src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"
    integrity="sha384-
    OERcA2EjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
    crossorigin="anonymous"></script>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-primary">
    <div class="container-fluid">
      <a class="navbar-brand" href="#">VirtualEye</a>
      <button class="navbar-toggler" type="button" data-bs-
        toggle="collapse" data-bs-target="#navbarNav" aria-
        controls="navbarNav" aria-expanded="false" aria-label="Toggle
        navigation">
        <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
          <li class="nav-item">
            <a class="nav-link active" aria-current="page"
              href="#">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link"
              href="{{url_for('login')}}">Login</a>
          </li>
          <li class="nav-item">
            <a class="nav-link"
              href="{{url_for('register')}}">Register</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>
```

```

        <li class="nav-item">
            <a class="nav-link"
                href="{{ url_for('register')}}">Predict</a>
        </li>
        <li class="nav-item">
            <a class="nav-link"
                href="{{url_for('logout')}}">Logout</a> </li>
    </ul>
</div>
</div>
</nav>
<h1 class="mb-5 text-center mt-5">VirtualEye</h1>
<div class="container text-center ">

    <h2>Abstract</h2>
    <br>
    <p>Safety is the top priority at all swimming areas. Due to their
        technical characteristics, such underwater cameras, and
        methodological aspects, like the requirement for human
        engagement in the rescue mission, the present solutions
        supposed to handle the issue of maintaining safety at
        swimming pools have serious issues. The effective reduction
        of drownings and assurance of pool safety can be achieved
        through the implementation of an automated visual-based
        monitoring system. The proposed monitoring system detects
        a drowning person and triggers an alarm in the lifeguard's
        monitoring device. This helps the lifeguard to take necessary
        actions promptly.
    </p>
</div>
</body>

</html>

```

## register.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">
    <title>VirtualEye - Register</title>
    <link
        href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
        rel="stylesheet"
        integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
        crossorigin="anonymous">
    <script
        src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"

```

```
integrity="sha384-
OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
crossorigin="anonymous"></script>
```

```
<script> const passwd =
  document.getElementById("InputPassword").value; if
  (passwd.length < 8 || passwd.length > 20) {
    alert("Your password must be 8-20 characters long!");
  }
</script>
</head>

<body>
  <nav class="navbar navbar-expand-lg navbar-dark bg-primary">
    <div class="container-fluid">
      <a class="navbar-brand" href="#">VirtualEye</a>
      <button class="navbar-toggler" type="button" data-bs-
        toggle="collapse" data-bs-target="#navbarNav" aria-
        controls="navbarNav" aria-expanded="false" aria-
        label="Toggle navigation"> <span class="navbar-
        toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
          <li class="nav-item">
            <a class="nav-link" aria-current="page"
              href="{{url_for('index')}}">Home</a>
          </li>
          <li class="nav-item">
            <a class="nav-link"
              href="{{url_for('login')}}">Login</a>
          </li>
          <li class="nav-item">
            <a class="nav-link active" href="#">Register</a>
          </li>
          <!-- <li class="nav-item">
            <a class="nav-link"
              href="{{url_for('predict')}}">Predict</a>
          </li> -->
          <li class="nav-item">
            <a class="nav-link"
              href="{{url_for('logout')}}">Logout</a>
          </li>
        </ul>
      </div>
    </div>
  </nav>
  <div class="container p-4 w-25 mt-5">
    <center>
      <h1>Register</h1>
      
    </center>
```

```

<form action="/register" method="post">
  <div class="mb-3">
    <label for="InputEmail" class="form-label">Email address</label>
    <input name="email" type="email" class="form-control"
      id="InputEmail" aria-describedby="emailHelp"
      placeholder="Email">
    <div id="emailHelp" class="form-text">We'll never share your
      email
      with anyone else.</div>
  </div>
  <div class="mb-3">
    <label for="InputPassword" class="form-label">Password</label>
    <input name="password" type="password" class="form-control"
      id="InputPassword" placeholder="Password">
    <div id="passwordHelpBlock" class="form-text">
      Your password must be 8-20 characters long, contain
      letters and numbers, and must not contain spaces or emoji.
    </div>
  </div>
  <button type="submit" class="btn btn-primary">Submit</button>
  <button type="reset" class="btn btn-light">Reset</button>
  <br><br>
  <div id="passwordHelpBlock" class="form-text">
    Already a registered user?
  </div>
  <p class="text-primary" style="font-weight: bold; font-size: 18px;">
    {{msg}}</p>
  <a href="{{url_for('login')}}" class="btn btn-success">Login</a>
</form>
</div>

</body>

</html>

```

## login.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">
  <title>VirtualEye - Login</title>
  <link
    href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
    rel="stylesheet"
    integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
    crossorigin="anonymous">
  <script
    src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"

```

```
integrity="sha384-
OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
crossorigin="anonymous"></script>
```

```
</head>
```

```
<body>
```

```
<nav class="navbar navbar-expand-lg navbar-dark bg-primary">
  <div class="container-fluid">
    <a class="navbar-brand" href="#">VirtualEye</a>
    <button class="navbar-toggler" type="button" data-bs-
      toggle="collapse" data-bs-target="#navbarNav" aria-
      controls="navbarNav" aria-expanded="false" aria-label="Toggle
      navigation">
      <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
      <ul class="navbar-nav">
        <li class="nav-item">
          <a class="nav-link active" aria-current="page"
            href="{{url_for('index')}}">Home</a>
        </li>
        <li class="nav-item">
          <a class="nav-link active" href="#">Login</a>
        </li>
        <li class="nav-item">
          <a class="nav-link"
            href="{{url_for('register')}}">Register</a>
        </li>
        <!-- <li class="nav-item">
          <a class="nav-link"
            href="{{url_for('predict')}}">Predict</a>
        </li> -->
        <li class="nav-item">
          <a class="nav-link"
            href="{{url_for('logout')}}">Logout</a>
        </li>
      </ul>
    </div>
  </div>
</nav>
<div class="container p-4 mt-5 w-25">
  <center>
    <h1>Login</h1>
    
  </center>
  <form action="/login" method="POST">
    <div class="mb-3">
      <label for="InputEmail" class="form-label">Email address</label>
      <input name="email" type="email" class="form-control"
        id="InputEmail" aria-describedby="emailHelp"
        placeholder="Email">
```

```

        <div id="emailHelp" class="form-text">We'll never share your
            email
            with anyone else.</div>
    </div>
    <div class="mb-3">
        <label for="InputPassword" class="form-label">Password</label>
        <input name="password" type="password" class="form-control"
            id="InputPassword" placeholder="Password">
    </div>
    <button type="submit" class="btn btn-primary">Submit</button>
    <button type="reset" class="btn btn-light">Reset</button>
    <p class="mt-3" style="color:red; font-size: 20px;">{{msg}}</p>
</form>
</div>
</body>

```

```
</html>
```

## predict.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">
    <title>VirtualEye - Prediction</title>
    <link
        href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
        rel="stylesheet"
        integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
        crossorigin="anonymous">
    <script
        src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-
        OERcA2EjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNjuaOe923+mo//f6V8Qbsw3"
        crossorigin="anonymous"></script>
</head>

<body>
    <nav class="navbar navbar-expand-lg navbar-dark bg-primary">
        <div class="container-fluid">
            <a class="navbar-brand" href="#">VirtualEye</a>
            <button class="navbar-toggler" type="button" data-bs-
                toggle="collapse" data-bs-target="#navbarNav" aria-
                controls="navbarNav" aria-expanded="false" aria-label="Toggle
                navigation">
                <span class="navbar-toggler-icon"></span>
            </button>
            <div class="collapse navbar-collapse" id="navbarNav">
                <ul class="navbar-nav">
                    <li class="nav-item">

```

```

        <a class="nav-link" aria-current="page"
        href="{{url_for('index')}}">Home</a>
    </li>
    <li class="nav-item">
        <a class="nav-link"
        href="{{url_for('login')}}">Login</a>
    </li>
    <li class="nav-item">
        <a class="nav-link"
        href="{{url_for('register')}}">Register</a>
    </li>
    <li class="nav-item active">
        <a class="nav-link" href="#">Predict</a>
    </li>
    <li class="nav-item">
        <a class="nav-link"
        href="{{url_for('logout')}}">Logout</a> </li>
</ul>
</div>
</div>
</nav>
<h1 class="text-center mt-5">Predict</h1>
<center>
    <div class="card mt-3" style="width: 50%;">
        
        <div class="card-body">
            <p class="card-text">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>
</center>
<form method="post" action="/predict" enctype="multipart/form-data">
    <div class="container text-center mt-5">
        <input class="btn btn-dark" type="file" name="file"
        autocomplete="off" required>
        <input class="btn btn-primary" type="submit" value="Upload">
    </div>
</form>
<center>
    {% if filename %}
    <div class="container m-5">

```

```

        
    </div>
    {% endif %}
</center>
</body>

</html>

```

## logout.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">
    <title>VirtualEye - Logout</title>

    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css" rel="stylesheet"
        integrity="sha384-Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
        crossorigin="anonymous">

    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"
        integrity="sha384-OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
        crossorigin="anonymous"></script>

</head>

<body>

    <nav class="navbar navbar-expand-lg navbar-dark bg-primary">

        <div class="container-fluid">

            <a class="navbar-brand" href="#">VirtualEye</a>

            <button class="navbar-toggler" type="button" data-bs-
                toggle="collapse" data-bs-target="#navbarNav" aria-
                controls="navbarNav" aria-expanded="false" aria-label="Toggle
                navigation">

```



```
<span class="navbar-toggler-icon"></span>
```

```
</button>
```

```
<div class="collapse navbar-collapse" id="navbarNav">
```

```
<ul class="navbar-nav">
```

```
<li class="nav-item">
```

```
<a class="nav-link" aria-current="page"
```

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

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link"
```

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

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link"
```

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

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link"
```

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

```
</li>
```

```
<li class="nav-item">
```

```
<a class="nav-link active" href="#">Logout</a>
```

```
</li>
```

```
</ul>
```

```
</div>
```

```
</div>
```

```
</nav>
```

```
<center>
```

<h1 class="mt-5 text-success">Successfully Logged out!</h1>

<h4 class="mt-3 text-body">Login for more information</h4>

<a class="btn btn-primary mt-3" href="{{url\_for('login')}}">Login</a>

</center>

</body>

</html>