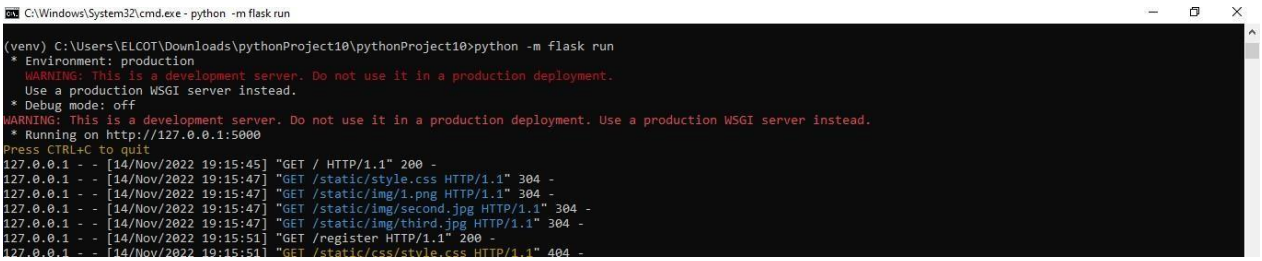
Project development phase

Sprint - 4 Test case

Date	16 November 2022
Team ID	PNT2022TMID13390
Project Name	Virtual-Lifeguard for Swimming Pools to Detect the Active Drowning

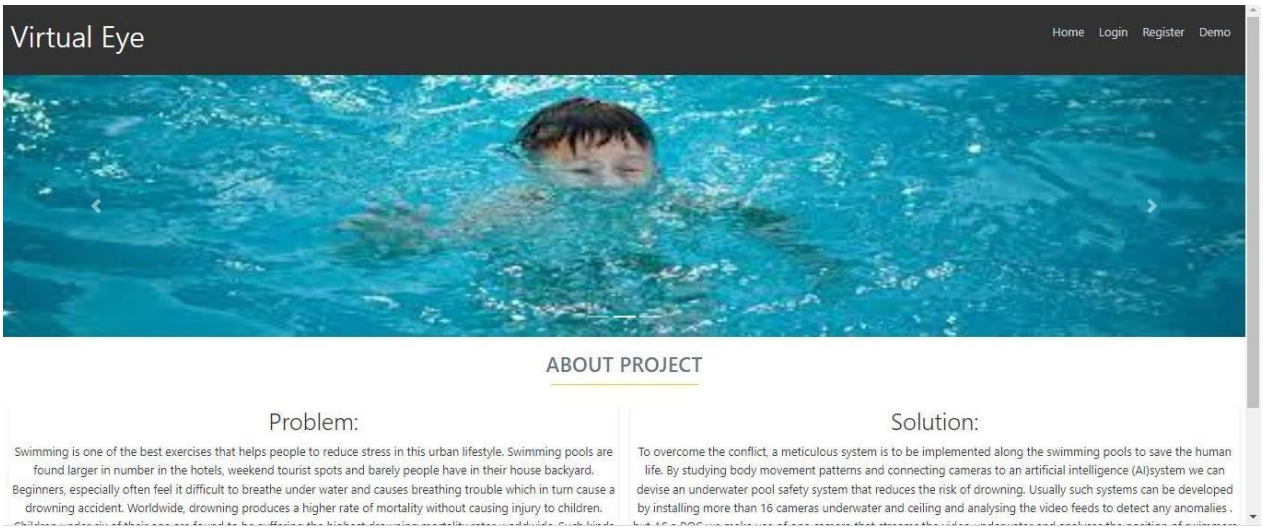
1: Run the application

In the command prompt, navigate to the folder in which the flask app is present. When the python file is executed the localhost is activated on 5000 port and can be accessed through it.

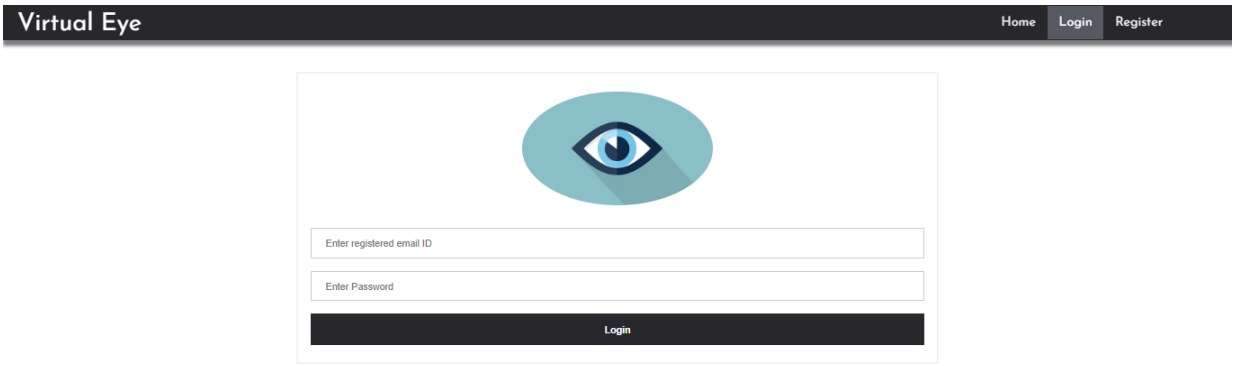


2: Open the browser and navigate to http://127.0.0.1:5000 to check your application

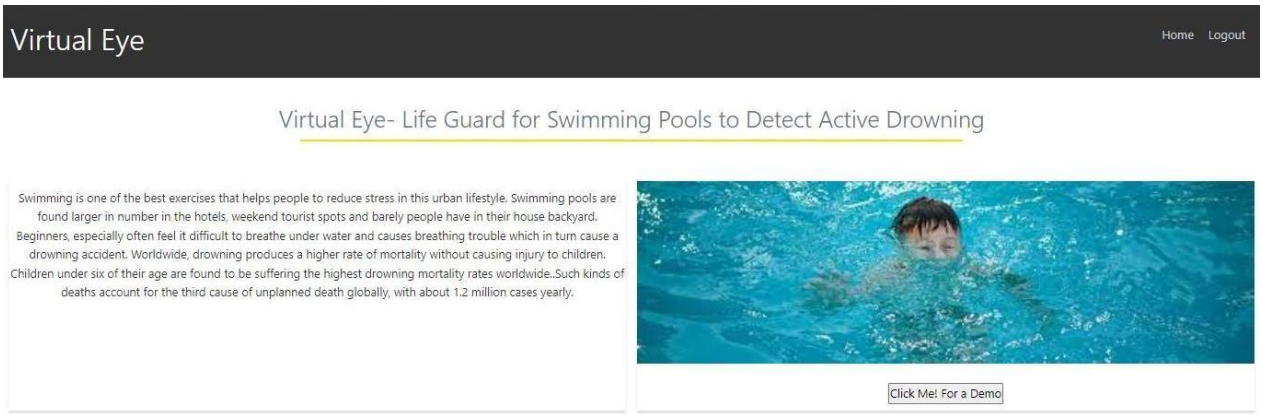
The home page looks like this. You can click on login or register



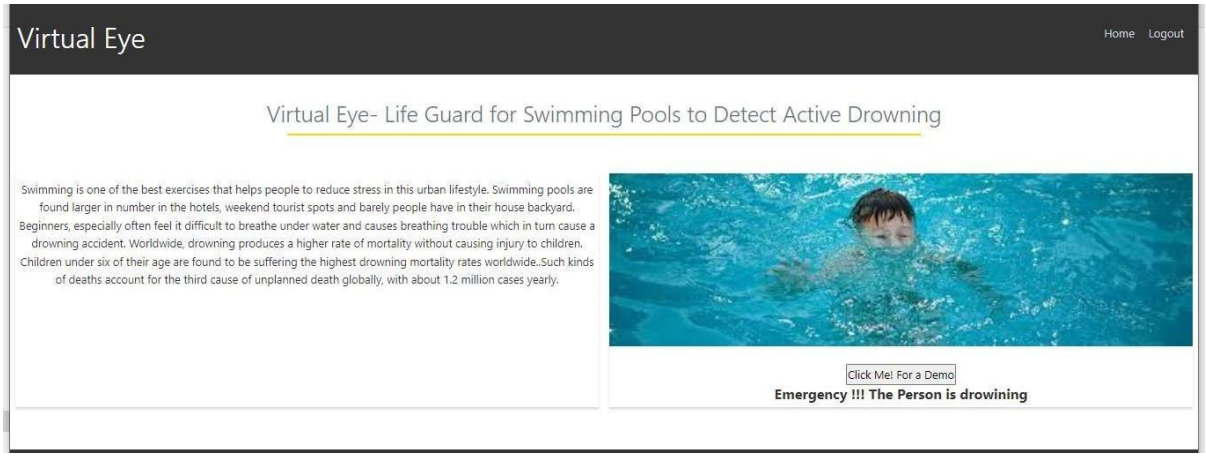
While logging in you need to provide your registered credentials



After successfully login you will redirect to the prediction page where we have to click on the demo button to launch the open cv window for video analysis.



Output:-



```
1
127.0.0.1 - - [14/Nov/2022 19:16:41] "POST /afterlogin HTTP/1.1" 302 -
127.0.0.1 - - [14/Nov/2022 19:16:41] "GET /prediction HTTP/1.1" 200 -
127.0.0.1 - - [14/Nov/2022 19:16:42] "GET /static/style.css HTTP/1.1" 304 -
127.0.0.1 - - [14/Nov/2022 19:16:42] "GET /static/js/JScript.js HTTP/1.1" 304 -
127.0.0.1 - - [14/Nov/2022 19:16:42] "GET /static/img/second.jpg HTTP/1.1" 304 -
5.816675424575806 s
bbox:  [[114, 112, 804, 372]] centre: [459.0, 242.0] centre0: [0. 0.]
Is he drowning:  False
4.5444793701171875 s
bbox:  [[114, 112, 804, 372]] centre: [459.0, 242.0] centre0: [459.0, 242.0]
Is he drowning:  False
8.752950429916382 s
bbox:  [[114, 112, 804, 372]] centre: [459.0, 242.0] centre0: [459.0, 242.0]
Is he drowning:  False
12.785400867462158 s
bbox:  [[120, 112, 800, 372]] centre: [460.0, 242.0] centre0: [459.0, 242.0]
Is he drowning:  True
```