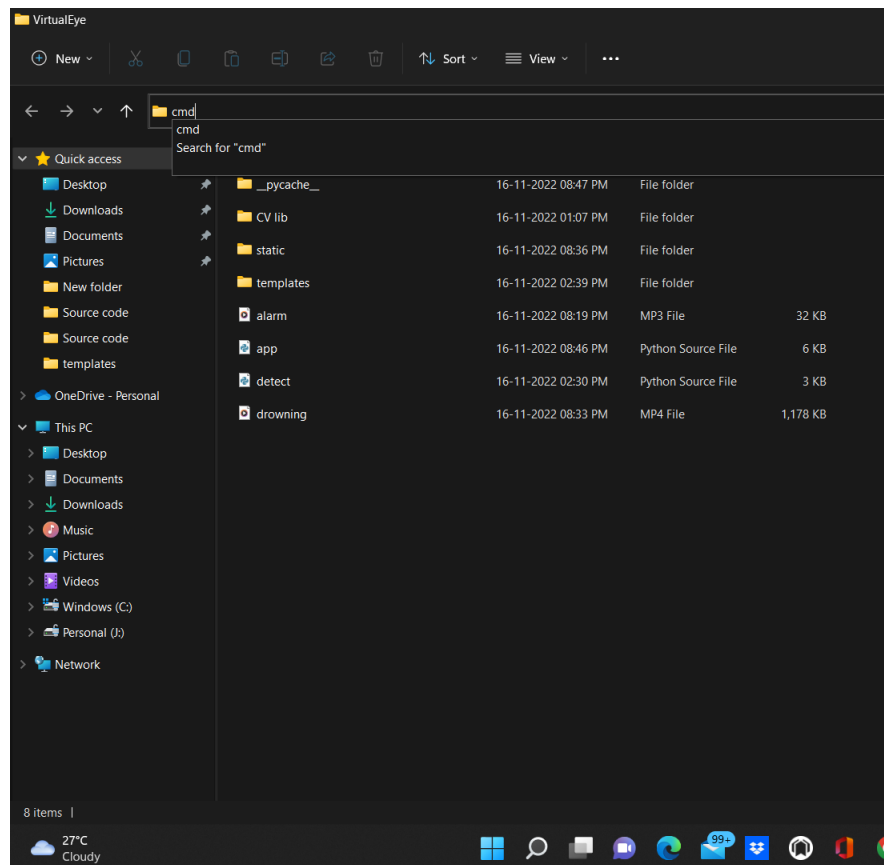


# Run the Application

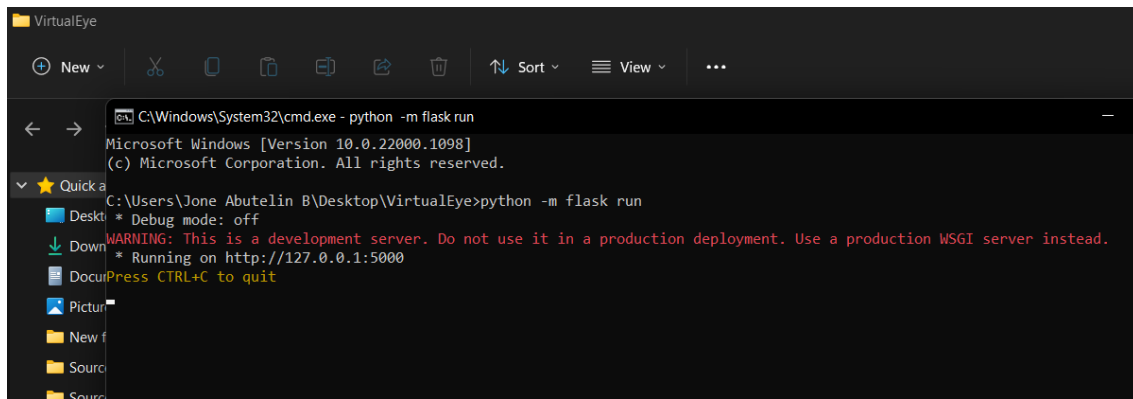
Date	17 Nov 2022
Team ID	PNT2022TMID34450
Project Name	Virtual Eye - Life Guard For Swimming Pools To Detect Active Drowning

## 1. Run the Flask Application

In the project folder, navigate to command and run the flask app.



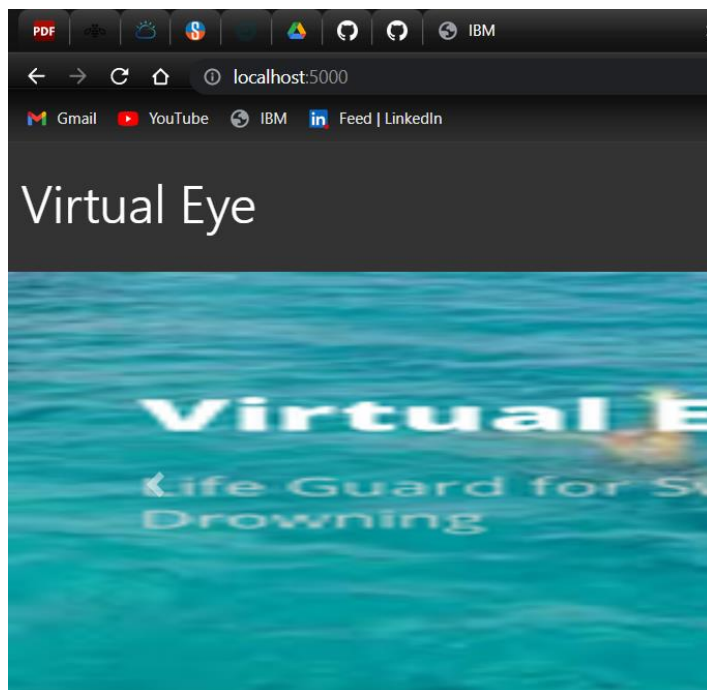
2. When the python file is executed the localhost is activated on 5000 port and can be accessed through it.



```
C:\Windows\System32\cmd.exe - python -m flask run
Microsoft Windows [Version 10.0.22000.1098]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Jone Abutelin B\Desktop\VirtualEye>python -m flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```

3. Open the browser and navigate to <https://127.0.0.1.5000> to check your Web application.

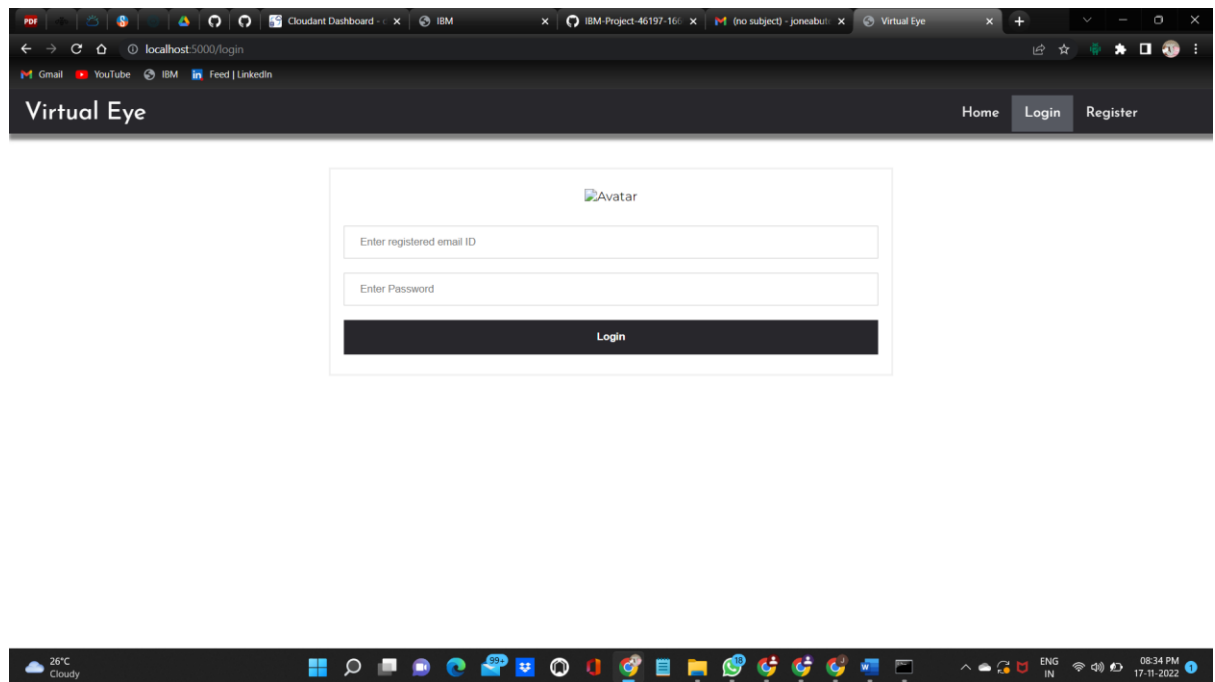


### Problem:

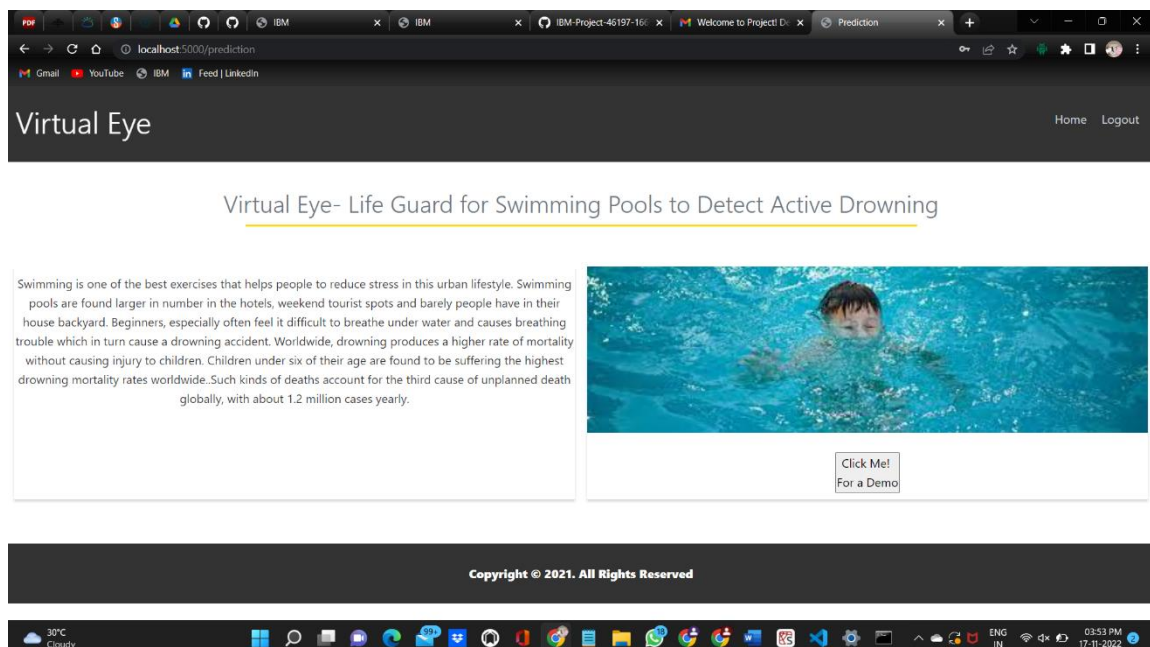
Swimming is one of the best exercises that helps people to reduce stress in the pools are found larger in number in the hotels, weekend tourist spots and house backyard. Beginners, especially often feel it difficult to breathe under



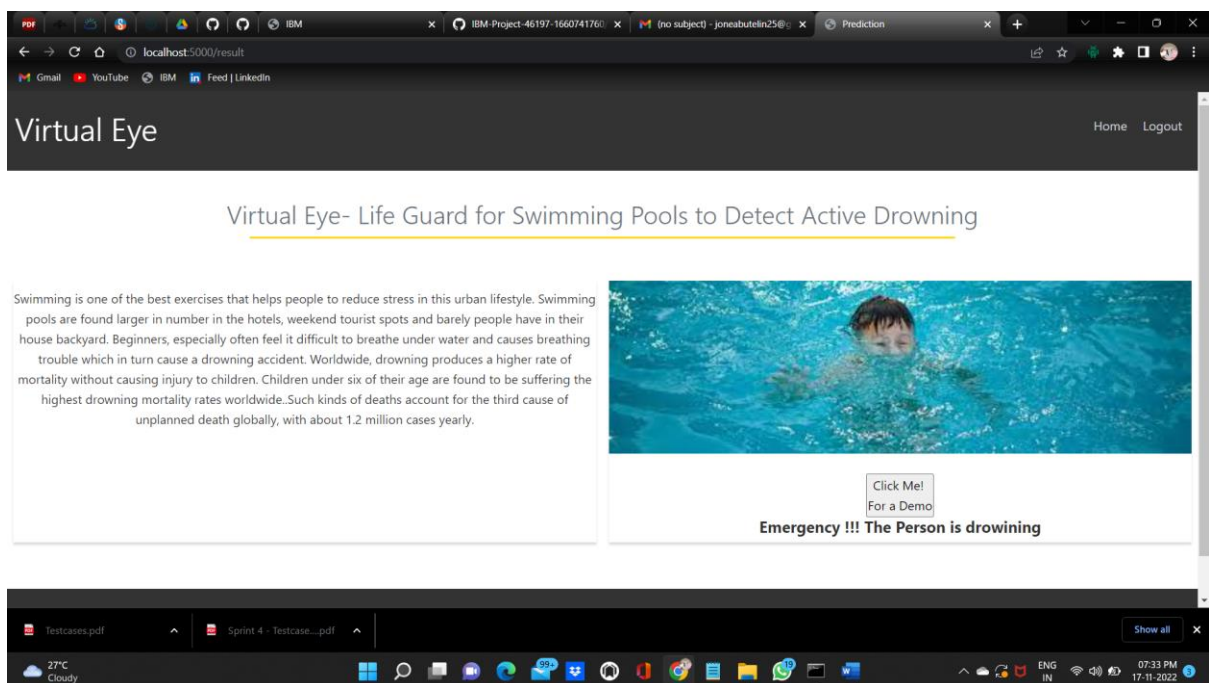
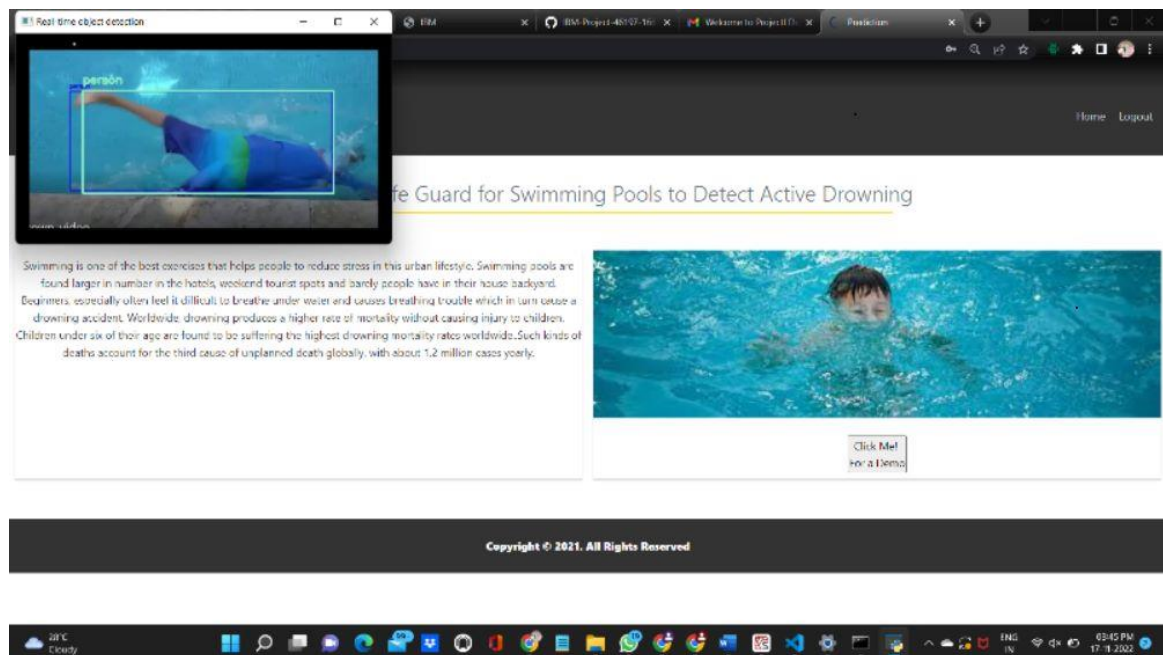
#### 4. While logging in you need to provide your registered credentials



#### 5. After successful 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:



```
C:\Windows\System32\cmd.exe - python -m flask run
Is he drowning: False
4.316622257232666 s
bbox: [[89, 75, 423, 212]] centre: [256.0, 143.5] centre0: [255.5, 143.5]
Is he drowning: False
4.896778345108032 s
bbox: [[89, 75, 423, 212]] centre: [256.0, 143.5] centre0: [256.0, 143.5]
Is he drowning: False
5.456990003585815 s
bbox: [[89, 75, 423, 212]] centre: [256.0, 143.5] centre0: [256.0, 143.5]
Is he drowning: False
6.0214056968688965 s
bbox: [[88, 76, 423, 212]] centre: [255.5, 144.0] centre0: [256.0, 143.5]
Is he drowning: False
6.573642730712891 s
bbox: [[88, 76, 423, 212]] centre: [255.5, 144.0] centre0: [255.5, 144.0]
Is he drowning: False
7.1317138671875 s
bbox: [[88, 76, 423, 212]] centre: [255.5, 144.0] centre0: [255.5, 144.0]
Is he drowning: False
7.673294305801392 s
bbox: [[88, 76, 423, 212]] centre: [255.5, 144.0] centre0: [255.5, 144.0]
Is he drowning: False
8.303691864013672 s
bbox: [[88, 76, 423, 212]] centre: [255.5, 144.0] centre0: [255.5, 144.0]
Is he drowning: False
8.991633176803589 s
bbox: [[89, 76, 420, 212]] centre: [254.5, 144.0] centre0: [255.5, 144.0]
Is he drowning: False
9.646928787231445 s
bbox: [[89, 76, 420, 212]] centre: [254.5, 144.0] centre0: [254.5, 144.0]
Is he drowning: False
10.205283880233765 s
bbox: [[89, 76, 420, 212]] centre: [254.5, 144.0] centre0: [254.5, 144.0]
Is he drowning: True
```