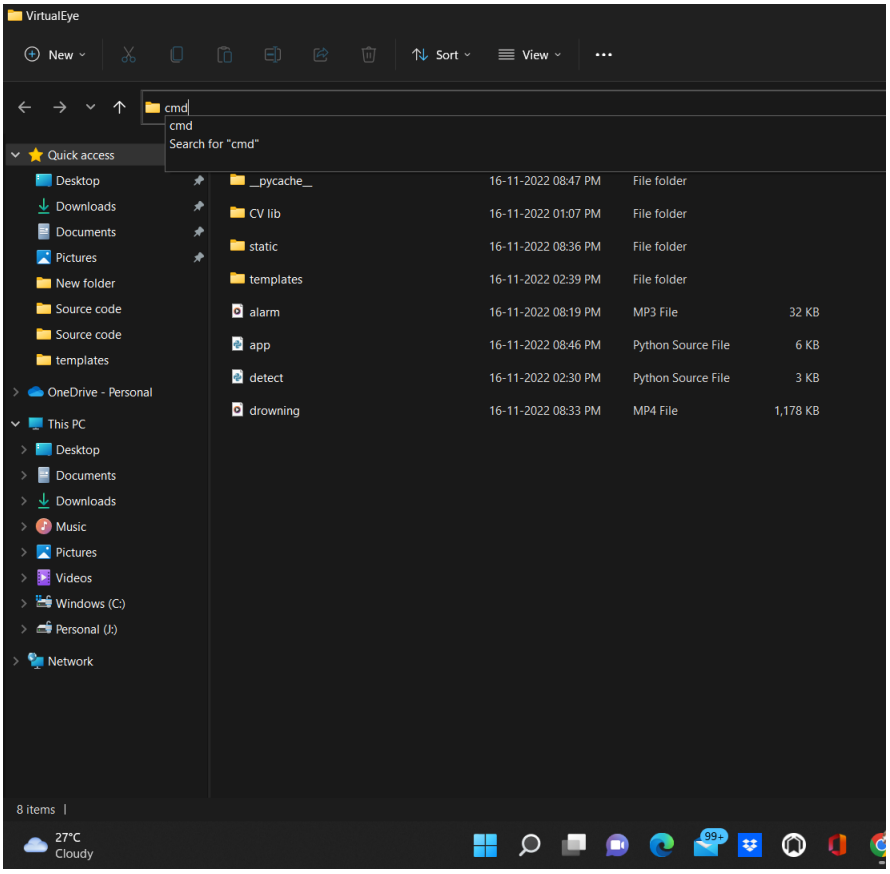
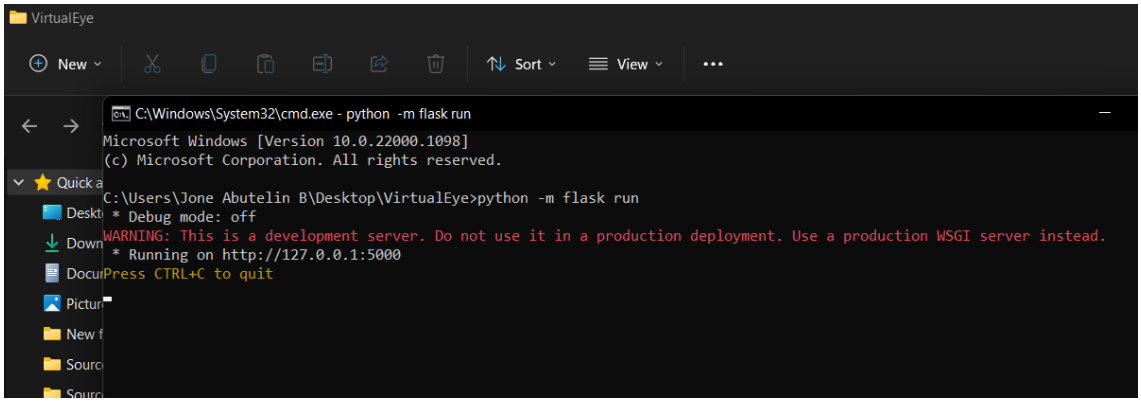
Sprint-4

Test Cases

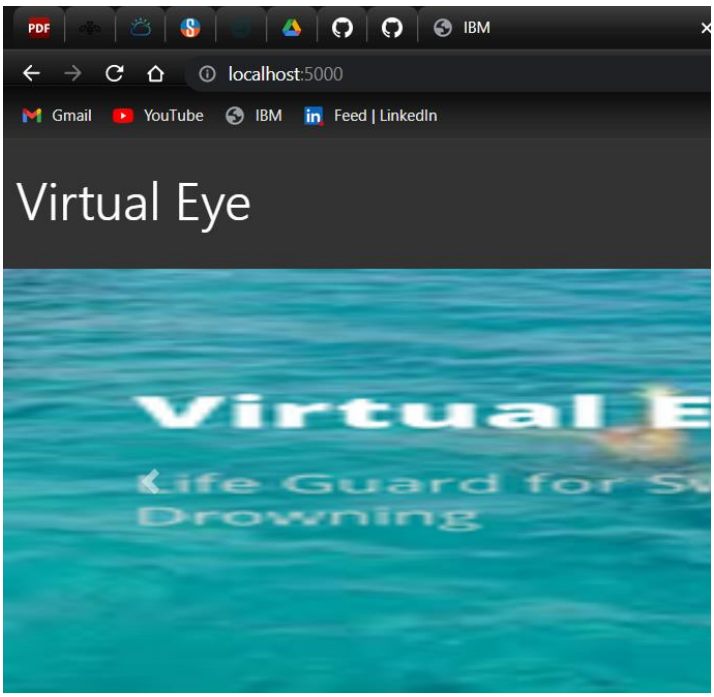
Date	17 Nov 2022
Team ID	PNT2022TMID34450
Project Name	Virtual Eye - Life Guard For Swimming Pools To Detect Active Drowning

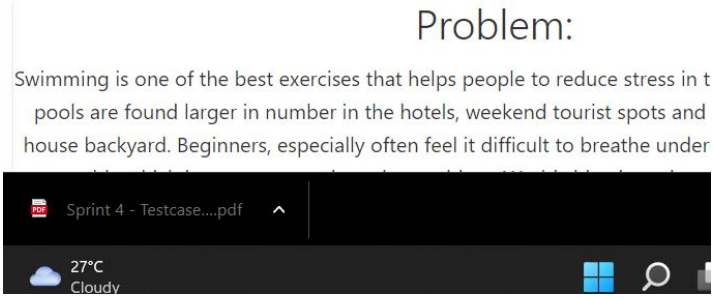
1. Run the Flask Application



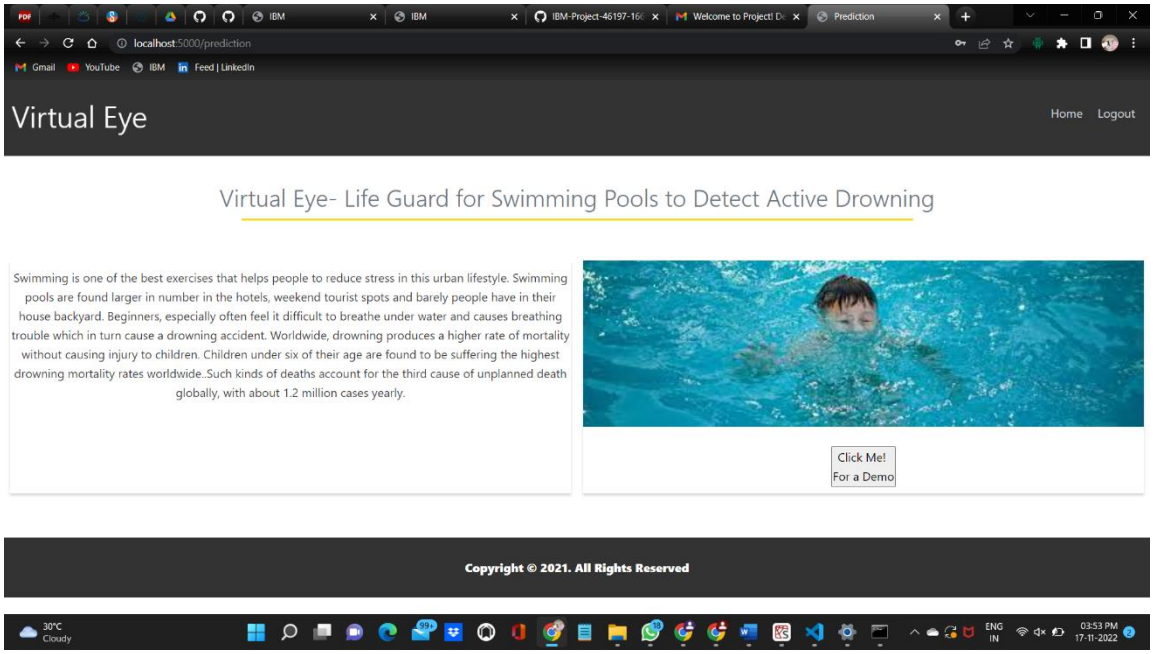


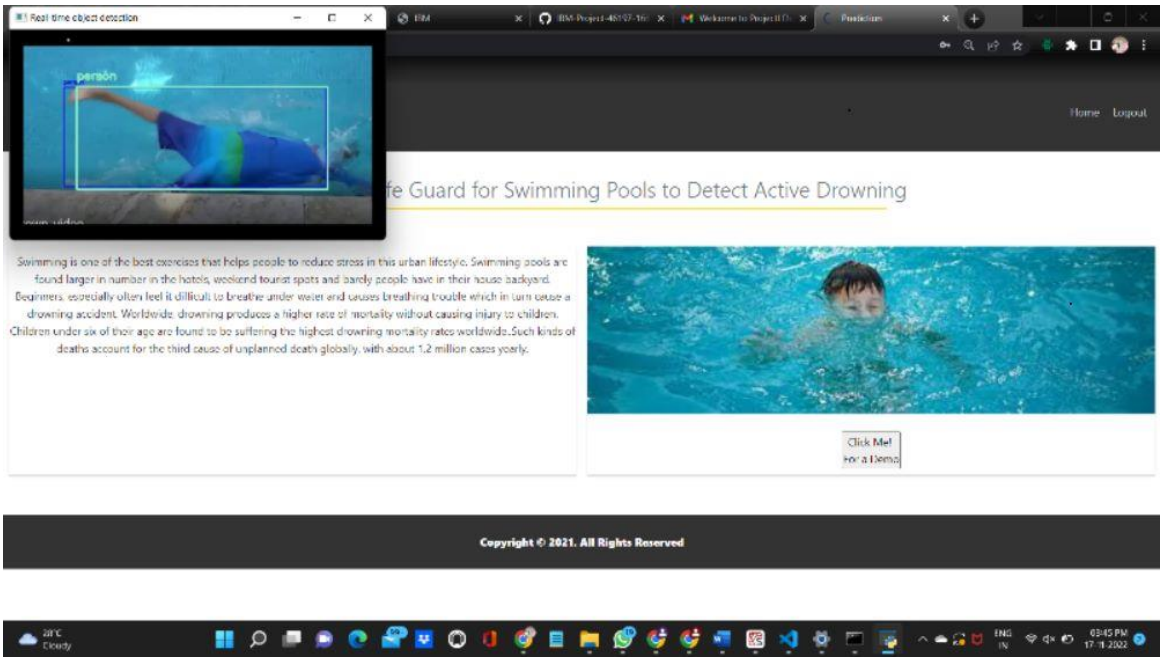
2. After successful running navigate to the server https://127.0.0.1.5000 to check your Web application.



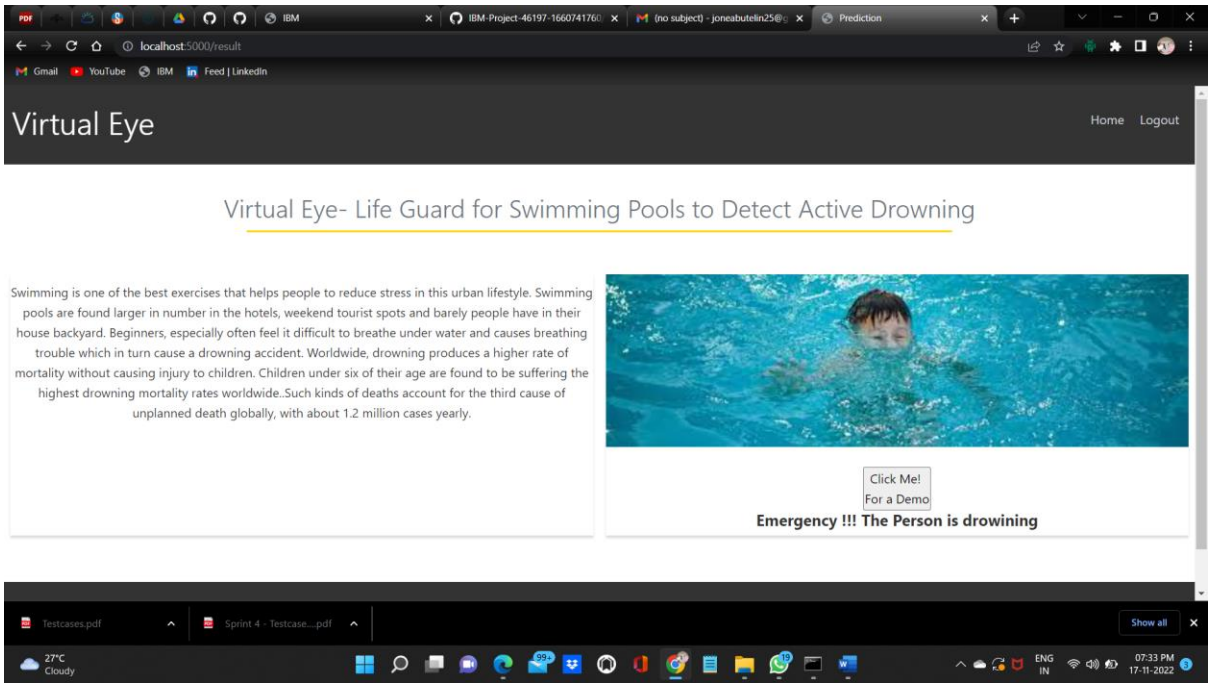


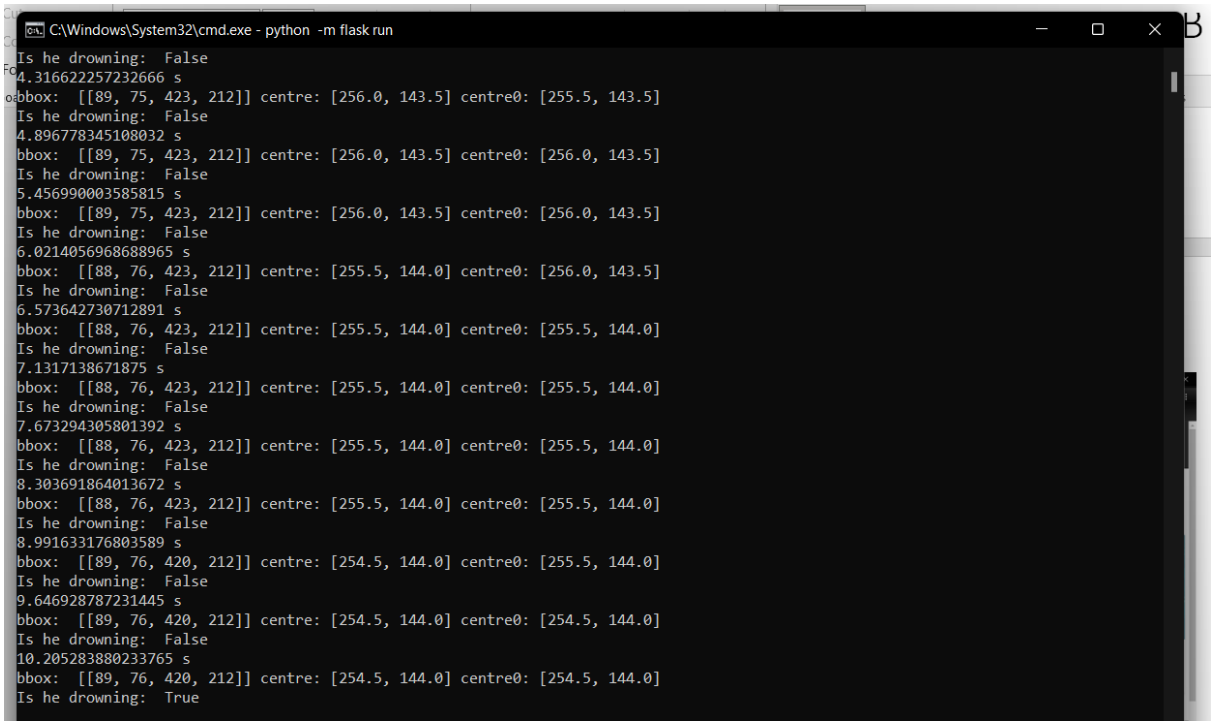
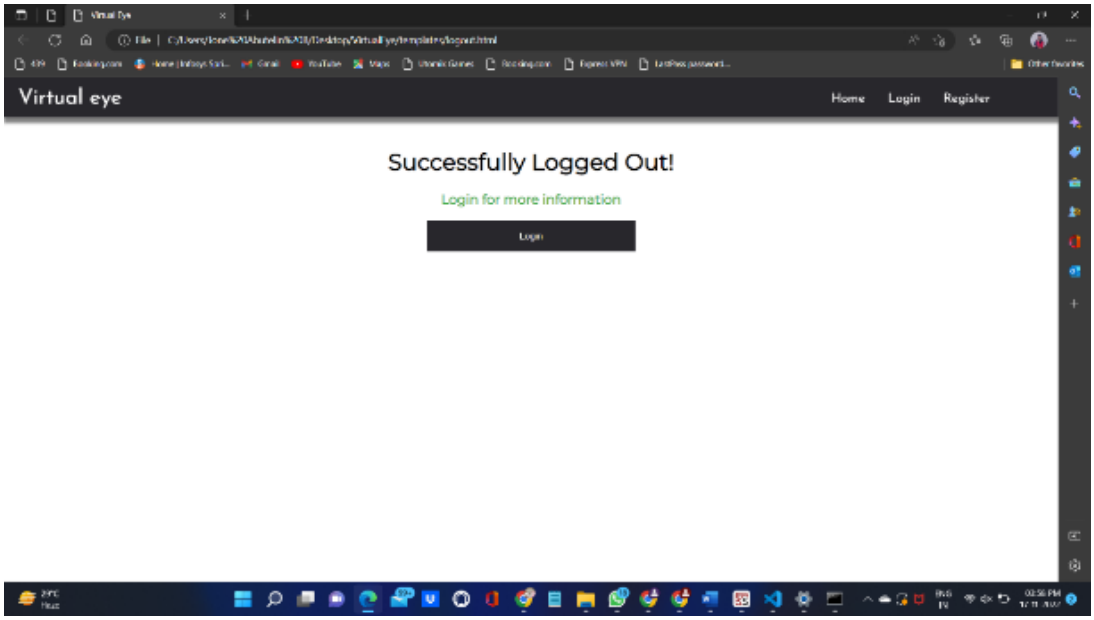
3. While logging in you need to provide your registered credentials
4. After successfully login you will redirect to the prediction page where we have to click on the demo button to launch the open cv window for video analysis.





Output


Virtual Eye
Home
Logout
Virtual Eye- Life Guard for Swimming Pools to Detect Active Drowning
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.
Click Me!
For a Demo
Emergency !!! The Person is drowining


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

5. After detection logout the application