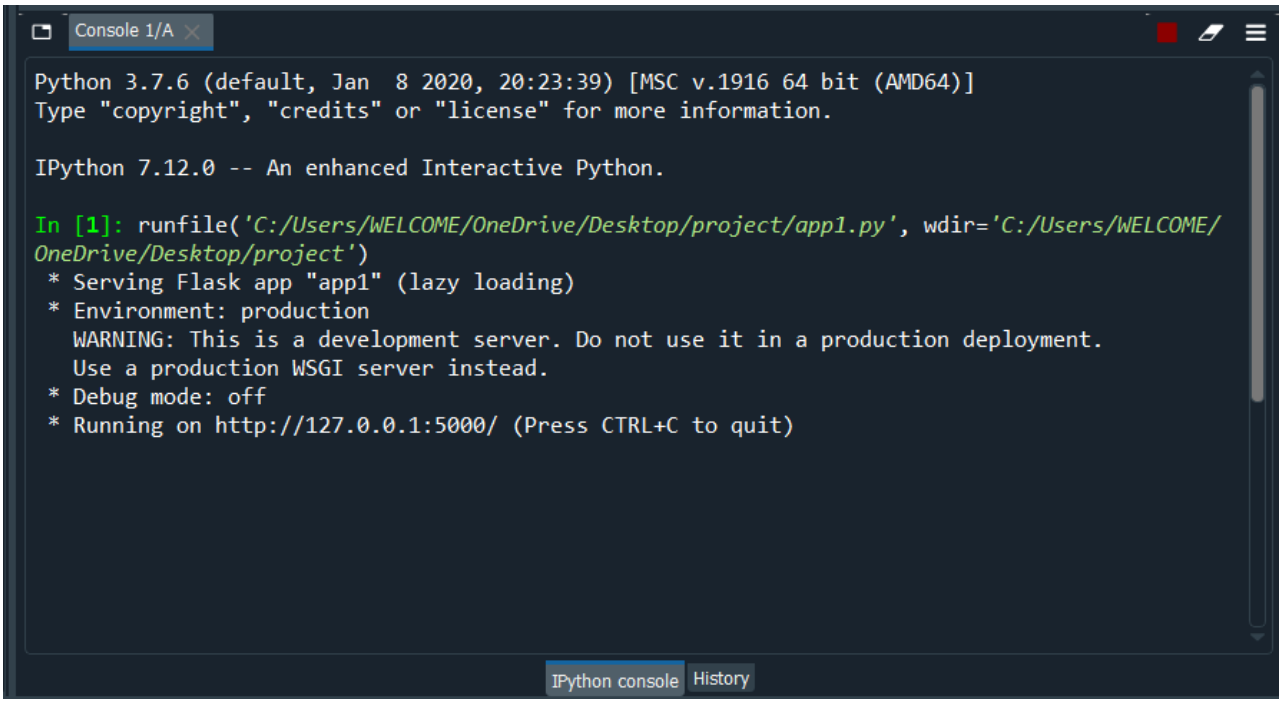
Project Development Phase

Sprint 4 – Test Cases

Date	15 Nov 2022
Team ID	PNT2022TMID22019
Project Name	Virtual Eye - Life Guard for Swimming Pools To Detect Active Drowning
Maximum Marks	4 Marks

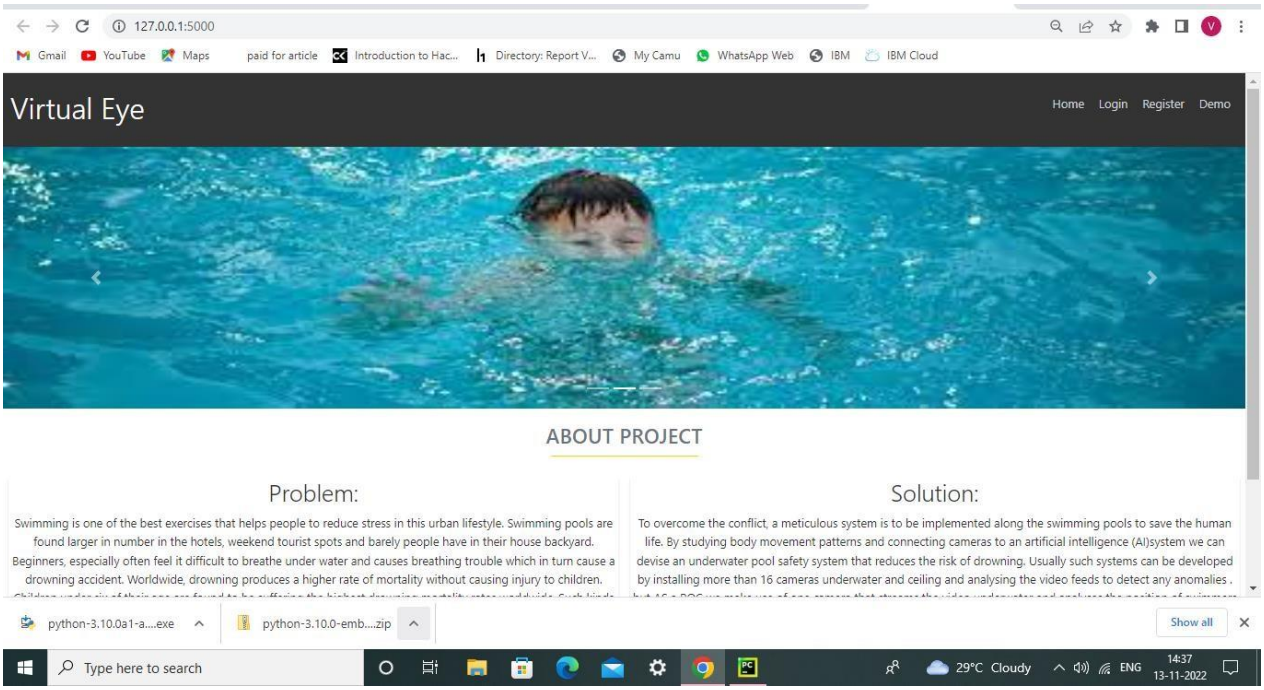
1: Run the application

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.

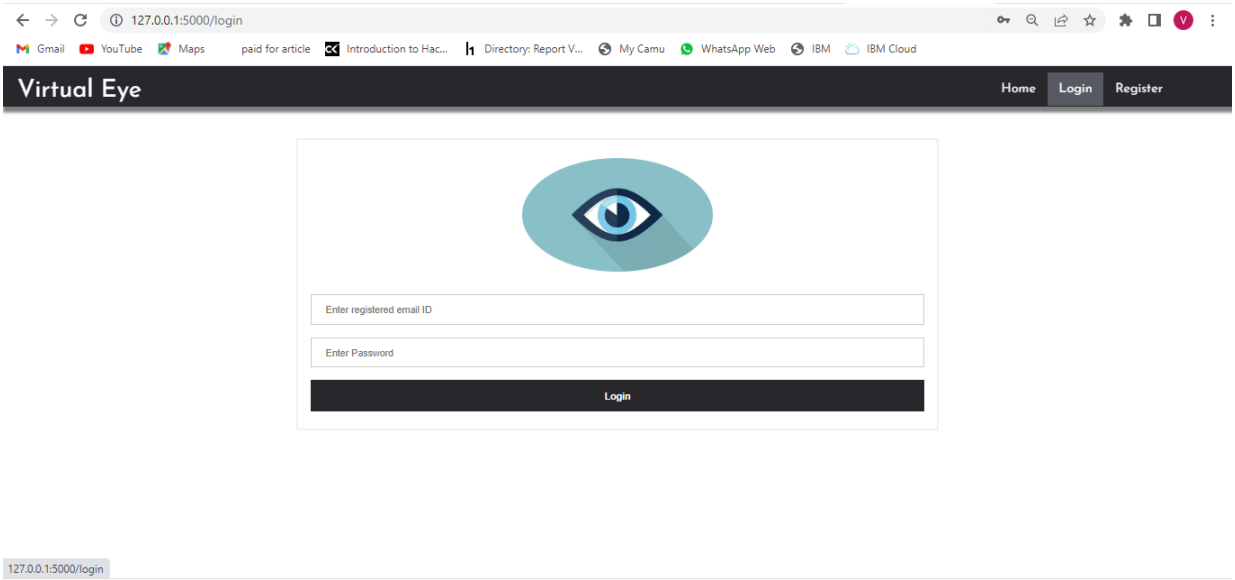


2: Open the browser and navigate to http://127.0.0.1:5000 to check your application

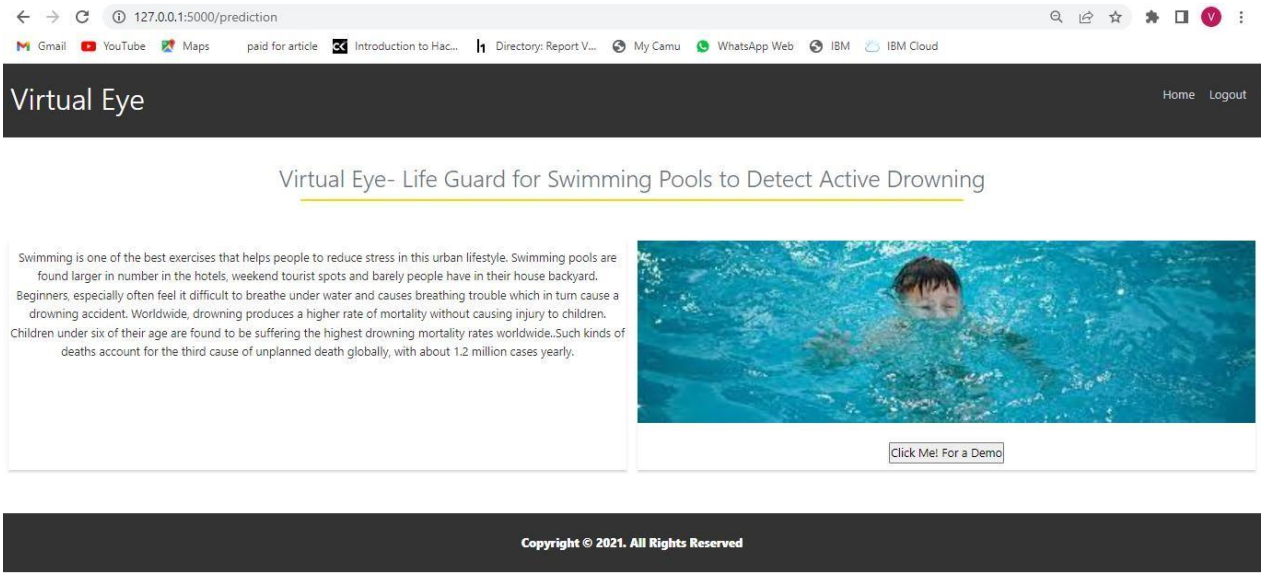
The home page looks like this. You can click on login or register



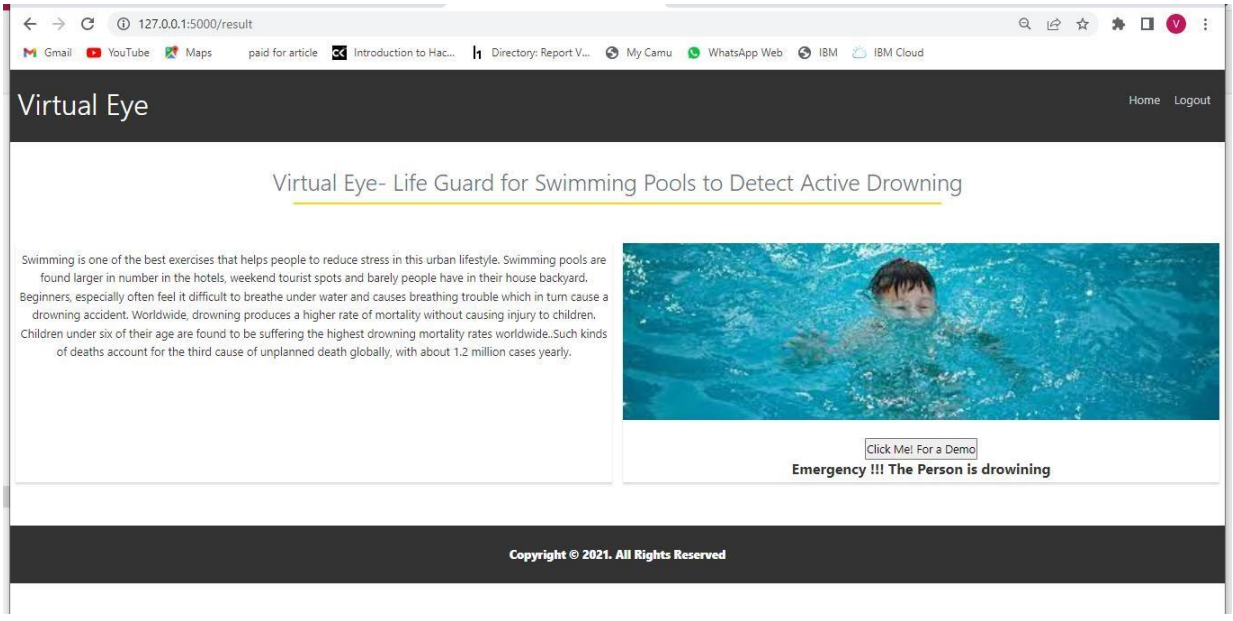
While logging in you need to provide your registered credentials



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:-




Console 1/A
bbox: [[692, -6, 1824, 1078]] centre: [1258.0, 536.0] centre0: [1267.0, 529.0]
Is he drowning: False
4.6680638790130615 s
bbox: [[681, 12, 1855, 1060]] centre: [1268.0, 536.0] centre0: [1258.0, 536.0]
Is he drowning: False
5.797983884811401 s
bbox: [[692, 6, 1854, 1070]] centre: [1273.0, 538.0] centre0: [1268.0, 536.0]
Is he drowning: False
6.924486398696899 s
bbox: [[680, 0, 1858, 1070]] centre: [1269.0, 535.0] centre0: [1273.0, 538.0]
Is he drowning: False
7.971890926361084 s
bbox: [[672, 6, 1866, 1062]] centre: [1269.0, 534.0] centre0: [1269.0, 535.0]
Is he drowning: False
9.052837371826172 s
bbox: [[676, 14, 1882, 1066]] centre: [1279.0, 540.0] centre0: [1269.0, 534.0]
Is he drowning: False
10.183572053909302 s
bbox: [[686, 22, 1876, 1062]] centre: [1281.0, 542.0] centre0: [1279.0, 540.0]
Is he drowning: True
IPython console
History
conda: base (Python 3.7.6)
Line 153, Col 1
UTF-8
CRLF
RW
Mem 89%