Application Building

Run The Application

Date	17 November 2022
Team ID	PNT2022TMID30291
Project Name	Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning

Run the application

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\mohanapriya\Downloads\Drowning-Detector (2)\Drowning-Detector> & C:/Python/Python37/python.exe "c:/Users/mohanapriya/Downloads/
Drowning-Detector (2)/Drowning-Detector/app.py"
 * Serving Flask app 'app'
 * Debug mode: on
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
 * Restarting with stat
 * Debugger is active!
 * Debugger PIN: 107-928-141
```
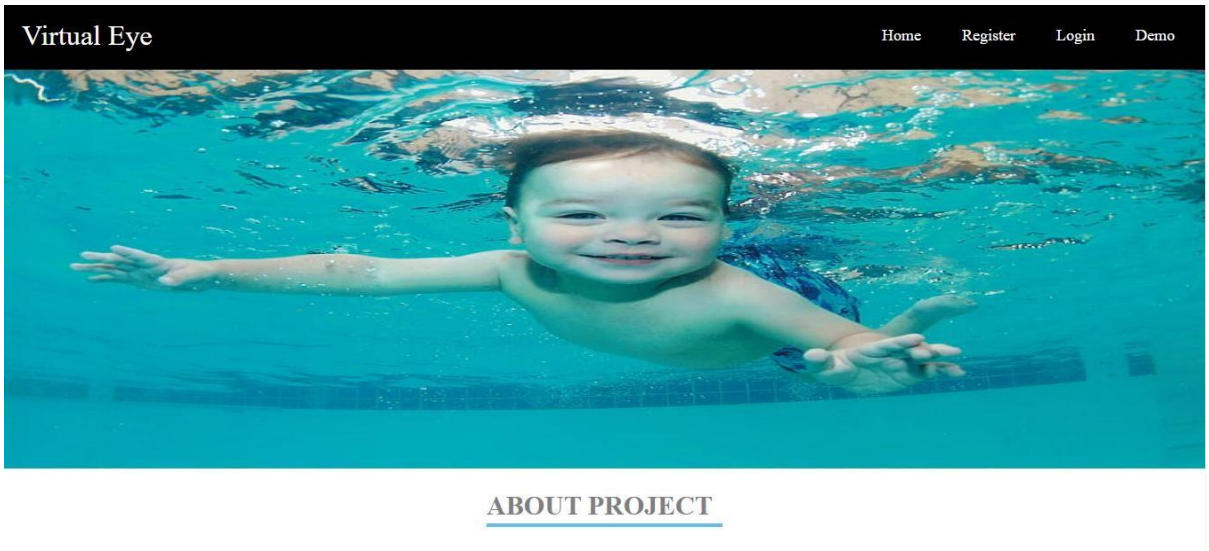
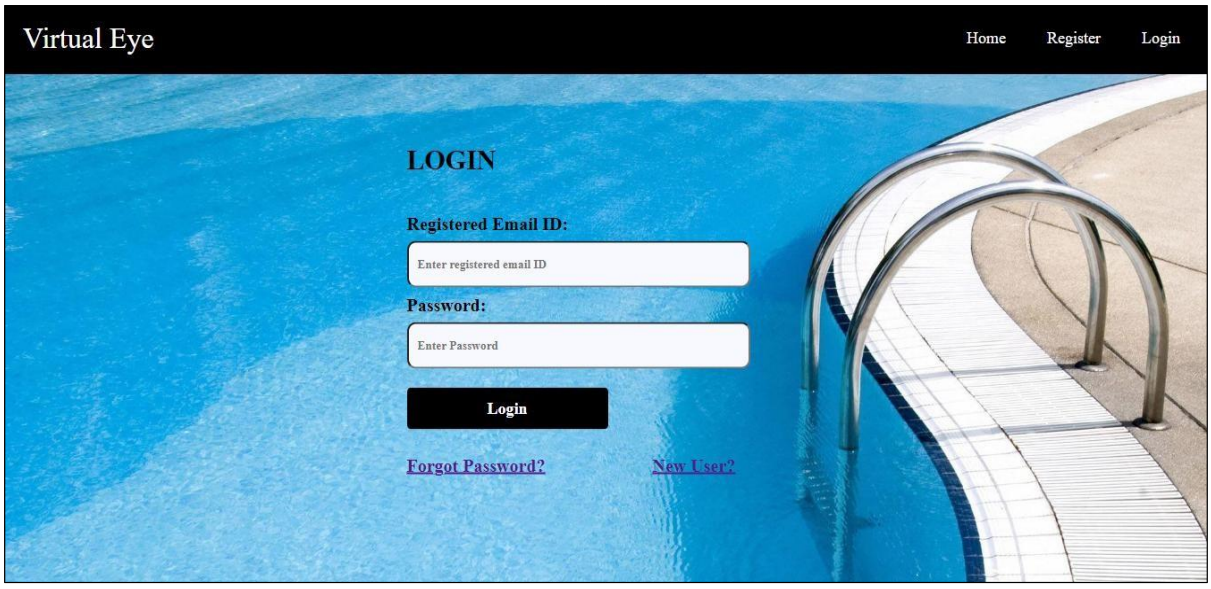
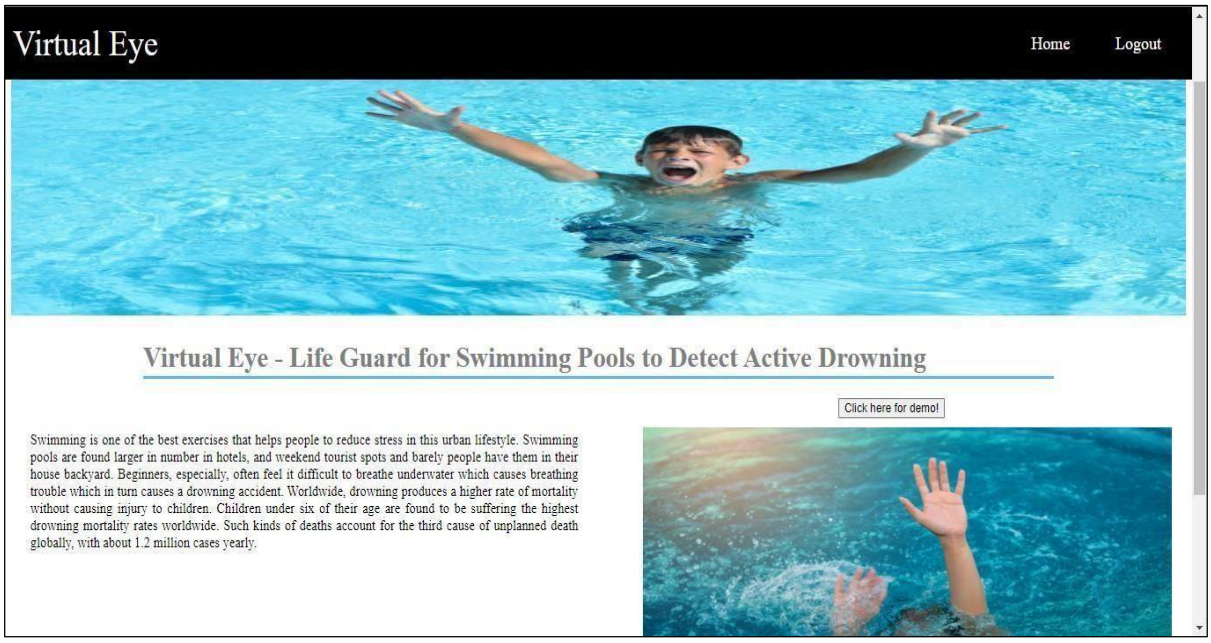

Open the browser and navigate to http://127.0.0.1:5000



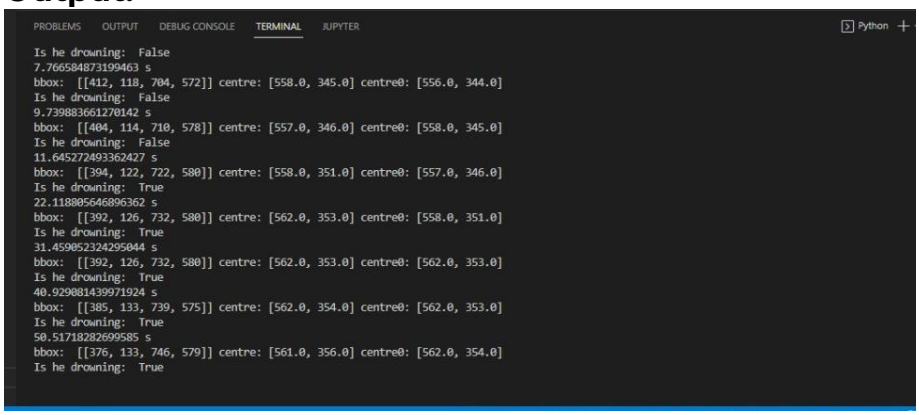
While logging in we need to provide our registered credentials



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



Output:


PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
JUPYTER
Python
Is he drowning: False
7.766584873199463 s
bbox: [[412, 118, 704, 572]] centre: [558.0, 345.0] centre0: [556.0, 344.0]
Is he drowning: False
9.739883661270142 s
bbox: [[404, 114, 710, 578]] centre: [557.0, 346.0] centre0: [558.0, 345.0]
Is he drowning: False
11.645272493362427 s
bbox: [[394, 122, 722, 580]] centre: [558.0, 351.0] centre0: [557.0, 346.0]
Is he drowning: True
22.118805646896362 s
bbox: [[392, 126, 732, 580]] centre: [562.0, 353.0] centre0: [558.0, 351.0]
Is he drowning: True
31.459052324295044 s
bbox: [[392, 126, 732, 580]] centre: [562.0, 353.0] centre0: [562.0, 353.0]
Is he drowning: True
40.929081439971924 s
bbox: [[385, 133, 739, 575]] centre: [562.0, 354.0] centre0: [562.0, 353.0]
Is he drowning: True
50.51718282699585 s
bbox: [[376, 133, 746, 579]] centre: [561.0, 356.0] centre0: [562.0, 354.0]
Is he drowning: True