

APPLICATION BUILDING

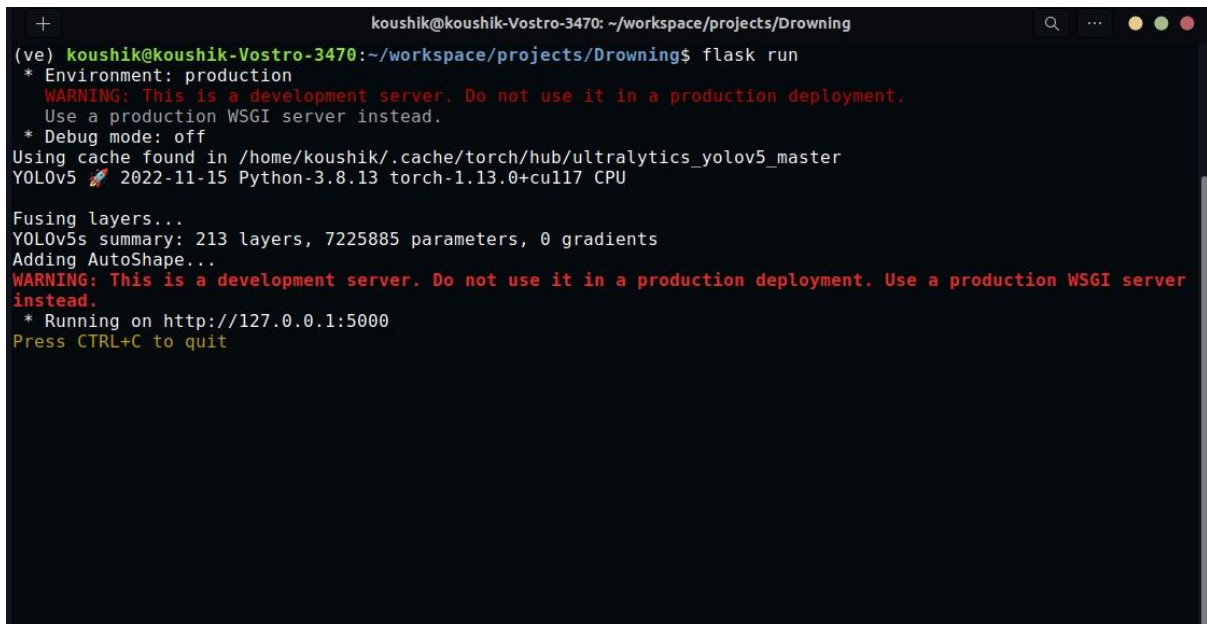
Date	17 November 2022
Team ID	PNT2022TMID00795
Project Name	VirtualEye - LifeGuard for Swimming Pools to Detect Active Drowning
Maximum Marks	8 Marks

Run the application

- Open the anaconda prompt from the start menu
- Navigate to the folder where your python script is.
- Now type the “python app.py” command
- Navigate to the localhost where you can view your web page.
- Click on the predict button from the top right corner, enter the inputs, click on the submit button, and see the result/prediction on the web.

1: Run the application

In the anaconda 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.

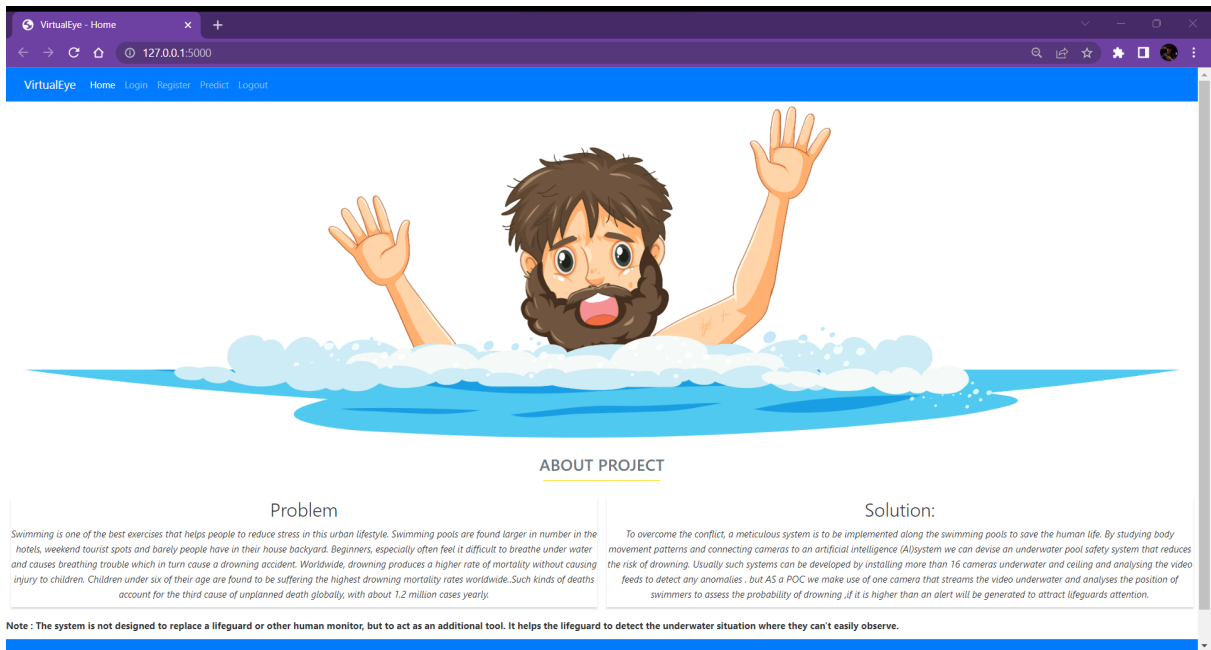


```
koushik@koushik-Vostro-3470: ~/workspace/projects/Drowning
(ve) koushik@koushik-Vostro-3470:~/workspace/projects/Drowning$ flask run
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
Using cache found in /home/koushik/.cache/torch/hub/ultralytics_yolov5_master
YOLOv5 🚀 2022-11-15 Python-3.8.13 torch-1.13.0+cu117 CPU

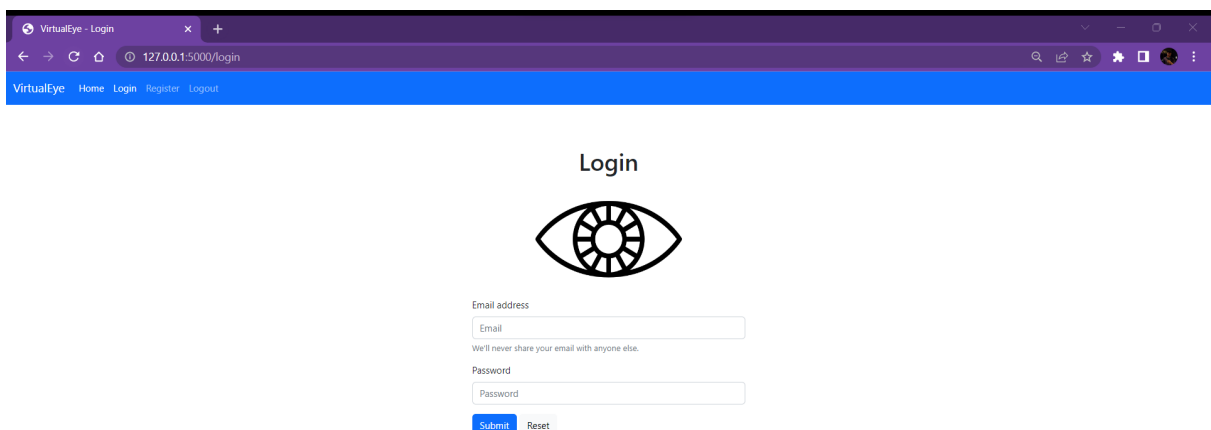
Fusing layers...
YOLOv5s summary: 213 layers, 7225885 parameters, 0 gradients
Adding AutoShape...
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server
instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```

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

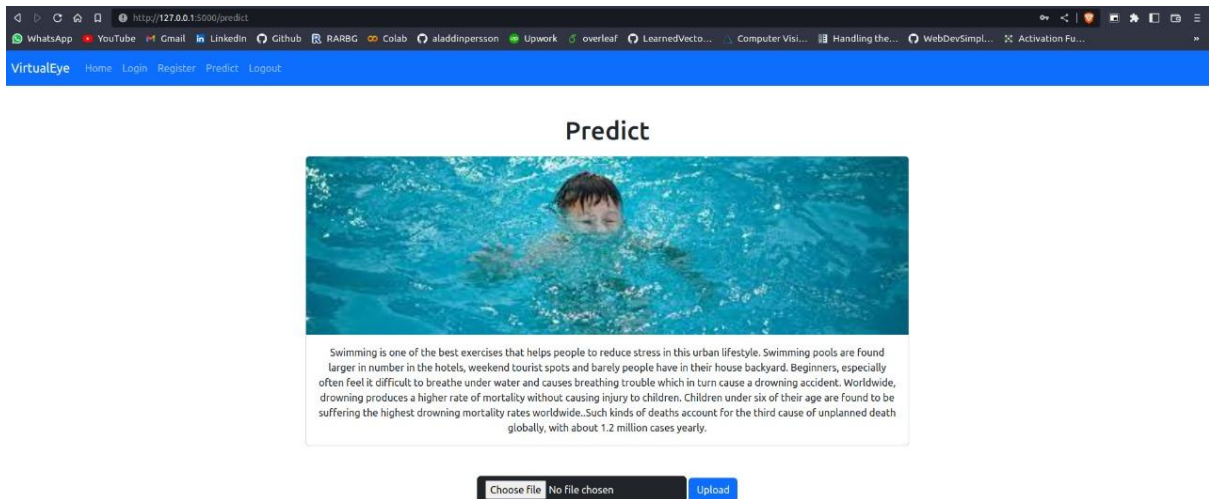
The home page looks like this. You can click on login or register



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 opencv window for video analysis..



Output:-

