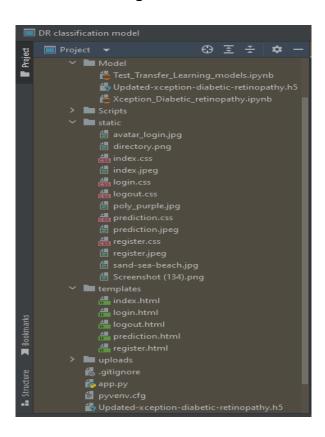
PROJECT DEVELOPMENT PHASE

SPRINT 4

Date	16 November 2022
Team ID	PNT2022TMID23190
Project Name	Deep learning Fundus image
	analysis for early detection of
	Diabetic Retinopathy.

PROJECT STRUCTURE:

- We are building a flask application which needs HTML pages stored in the templates folder,CSS,Images stored in a static folder and a python script app.py for scripting.
- Updated-Xception-diabetic-retinopathy.h5 is our saved model. Further we will use this model for flask integration.
- Model contains model training files.



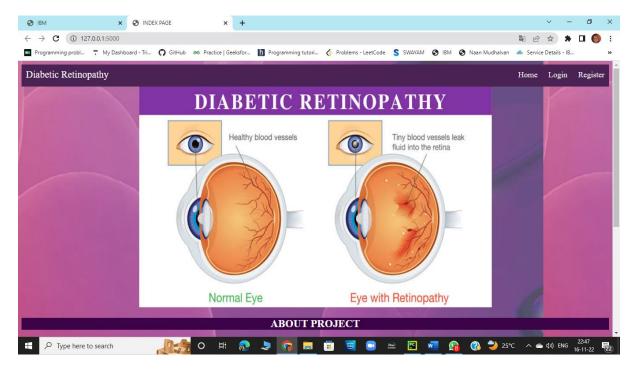
PYTHON CODE:

RUN THE PYTHON CODE

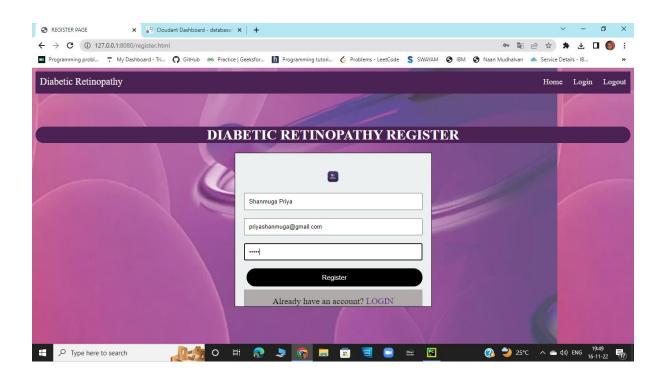
When the python file is executed, the localhost is activated on 5000 port and can be accessed through it. Open the browser and navigate to localhost:5000 to check your application

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

HOME:

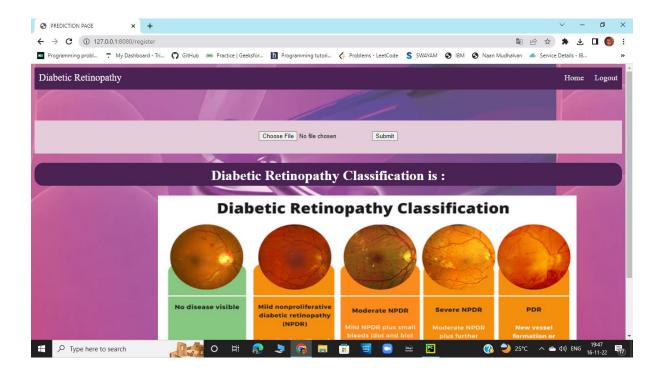


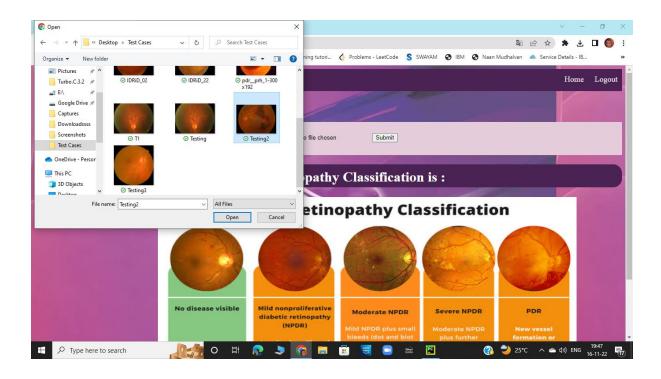
REGISTER:



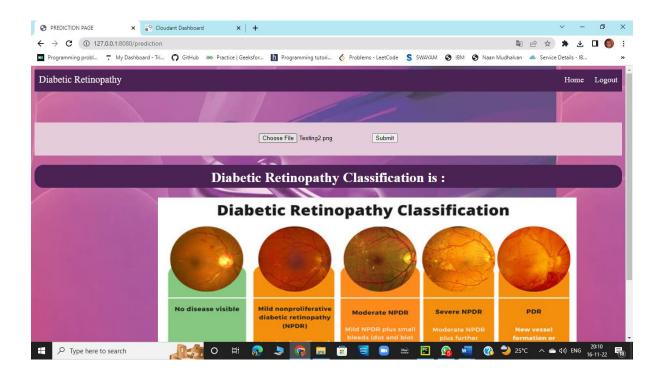
PREDICTION:

- 1. Upload the image the user wants to test using the choose file option.
- 2. Then click on the submit option.

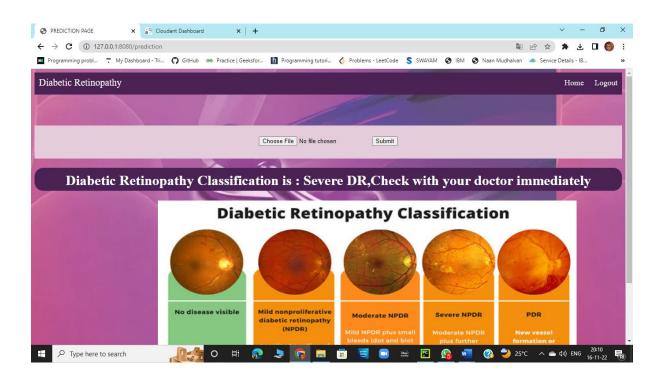




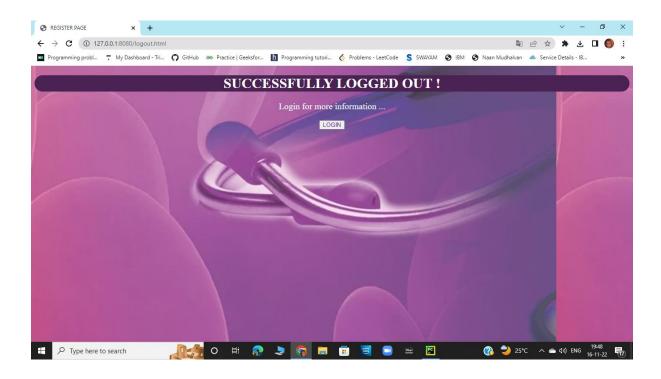
3. Image is loaded.



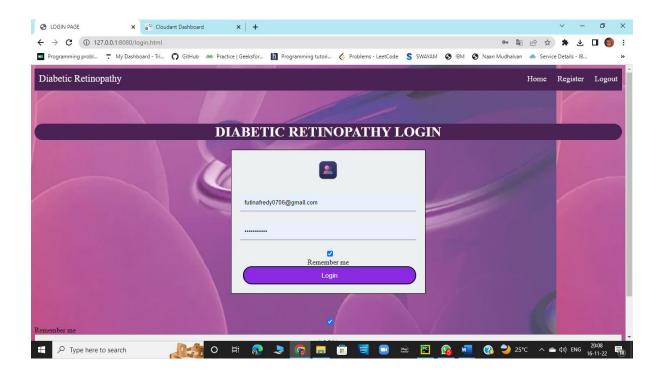
PREDICTION DISPLAY:



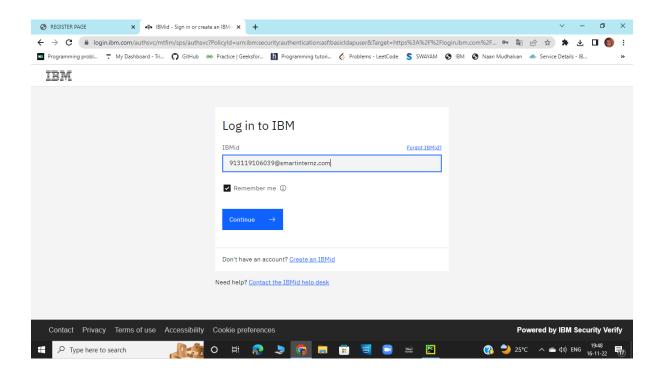
LOGOUT:



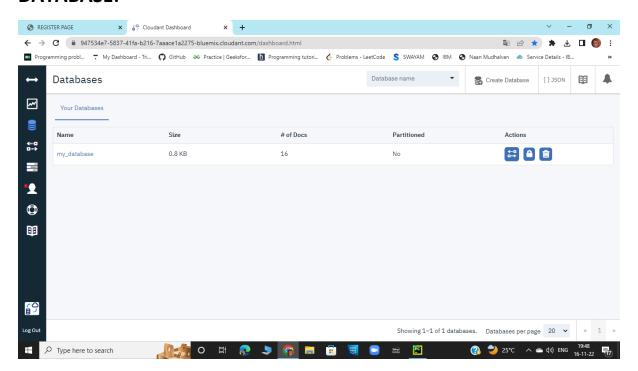
LOGIN IF NEEDED:



IBM CLOUD DEPLOYMENT:



DATABASE:



USER DATABASE STORAGE:

