

Run The Application

- Open anaconda prompt from the start menu
- Navigate to the folder where your python script is.
- Now type “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

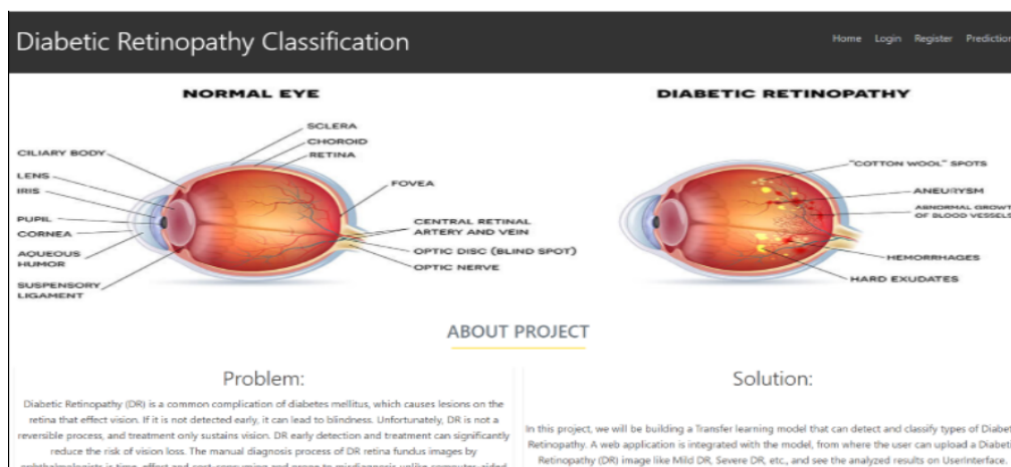
In the anaconda prompt, navigate to the folder in which the flask app is present. When the python file is executed the localhost is activated on 5000 port and can be accessed through it.

```
DEBUG CONSOLE  TERMINAL  OUTPUT  JUPYTER
A new PowerShell stable release is available: v7.4.0
Upgrade now, or check out the release page at:
https://aka.ms/PowerShell-Release?tag=v7.4.0

PS C:\Users\rajna\Downloads\SmartInternz\DEEP-LEARNING-FUNDUS-IMAGE-ANALYSIS-FOR-EARLY-DETECTION-OF-DIABETIC-RETINOPATHY-> python -m venv venv
PS C:\Users\rajna\Downloads\SmartInternz\DEEP-LEARNING-FUNDUS-IMAGE-ANALYSIS-FOR-EARLY-DETECTION-OF-DIABETIC-RETINOPATHY-> venv\Scripts\activate
(venv) PS C:\Users\rajna\Downloads\SmartInternz\DEEP-LEARNING-FUNDUS-IMAGE-ANALYSIS-FOR-EARLY-DETECTION-OF-DIABETIC-RETINOPATHY-> flask run
2023-12-16 10:41:32.930379: I tensorflow/core/platform/cpu_feature_guard.cc:182] This TensorFlow binary is optimized to use available CPU instructions in
performance-critical operations.
To enable the following instructions: SSE SSE2 SSE3 SSE4.1 SSE4.2 AVX AVX2 FMA, in other operations, rebuild TensorFlow with the appropriate compiler flag
s.
Database 'my_db' successfully created.
* Debug mode: off
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
127.0.0.1 - - [16/Dec/2023 10:41:53] "GET / HTTP/1.1" 200 -
```

2: Open the browser and navigate to localhost:5000 to check your application

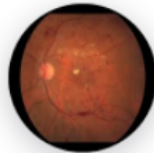
The home page looks like this. You can click on login or register.



While logging in you need to provide your registered credentials,
After successfully login you will redirect to the prediction page where we have to
upload the image to predict the outcomes.

Diabetic Retinopathy Classification

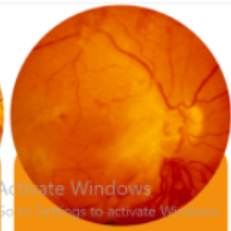
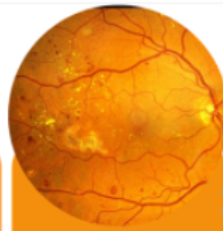
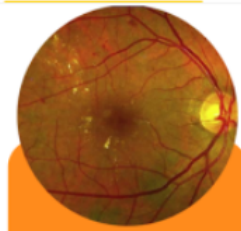
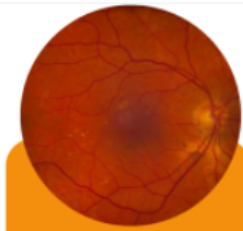
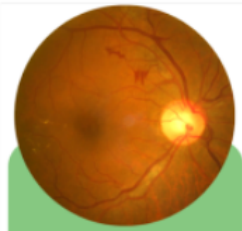
Home Logout



Choose File No file chosen

Submit

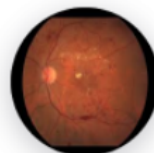
Diabetic Retinopathy Classification is :



Activate Windows
Go to Settings to activate Windows.

Diabetic Retinopathy Classification

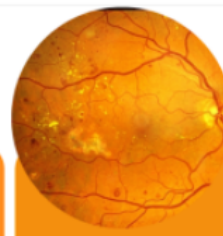
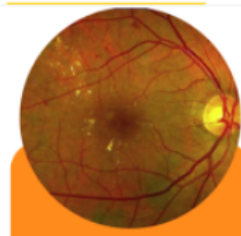
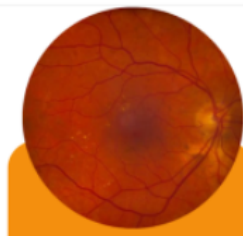
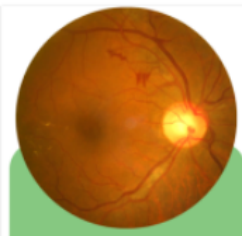
Home Logout



Choose File No file chosen

Submit

Diabetic Retinopathy Classification is : **Proliferative DR**



Activate Windows
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