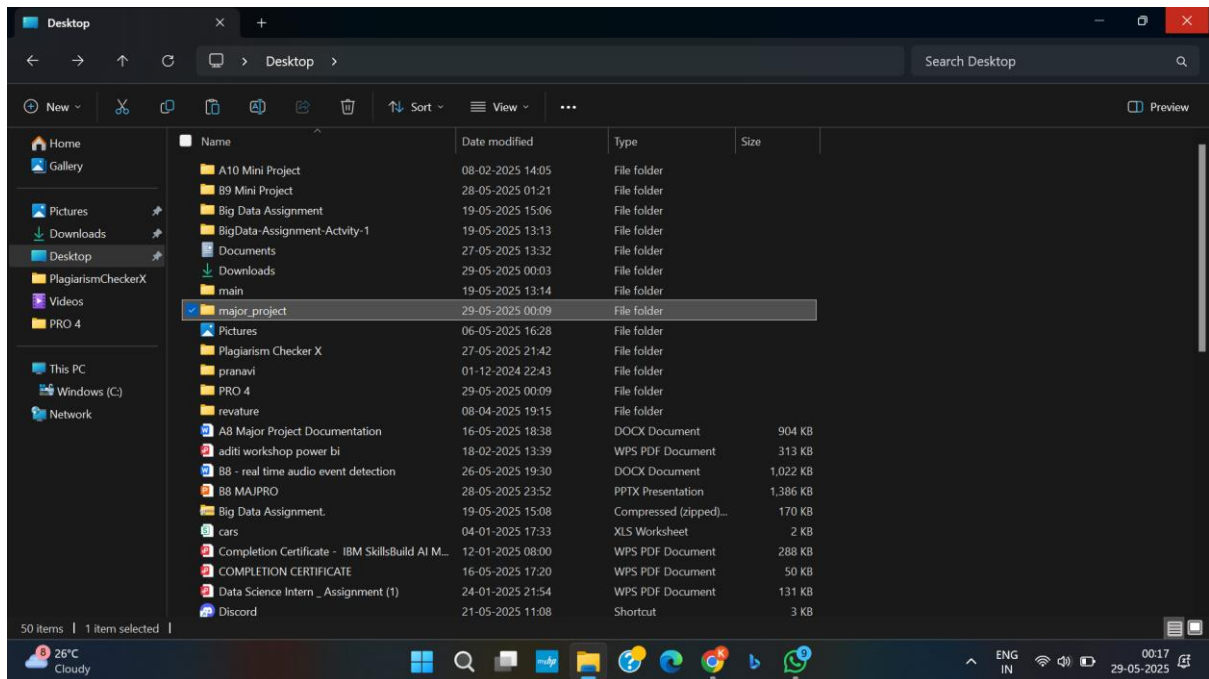
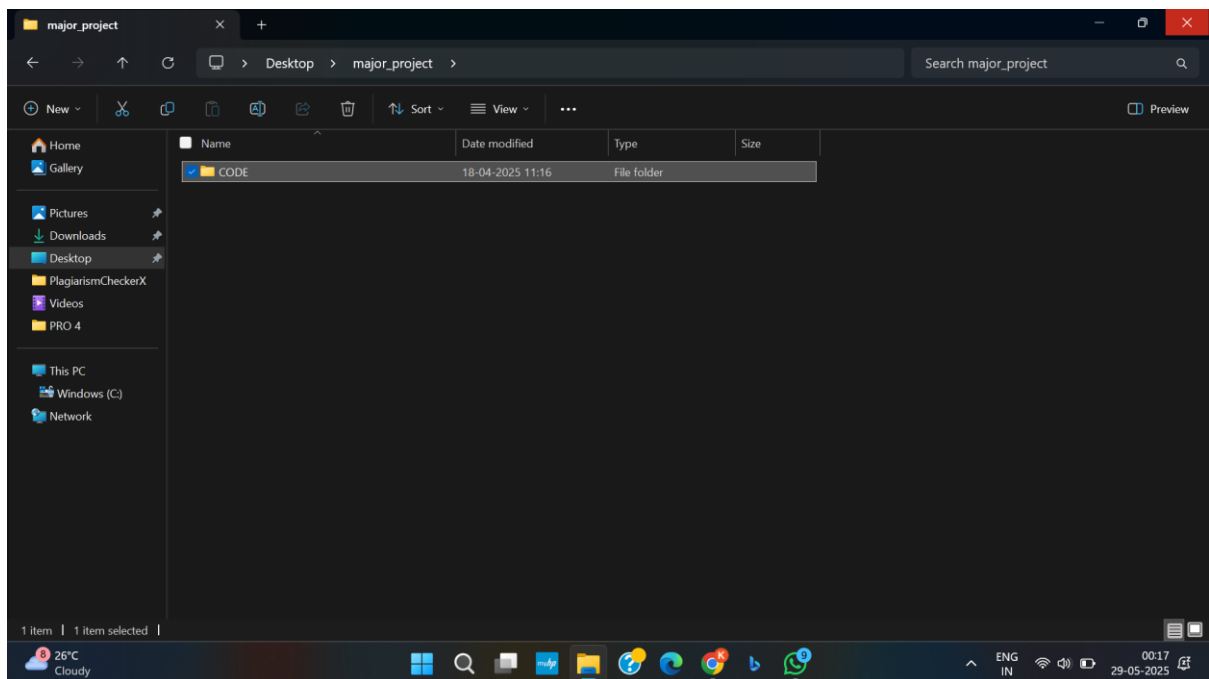


Steps for how to run the project:

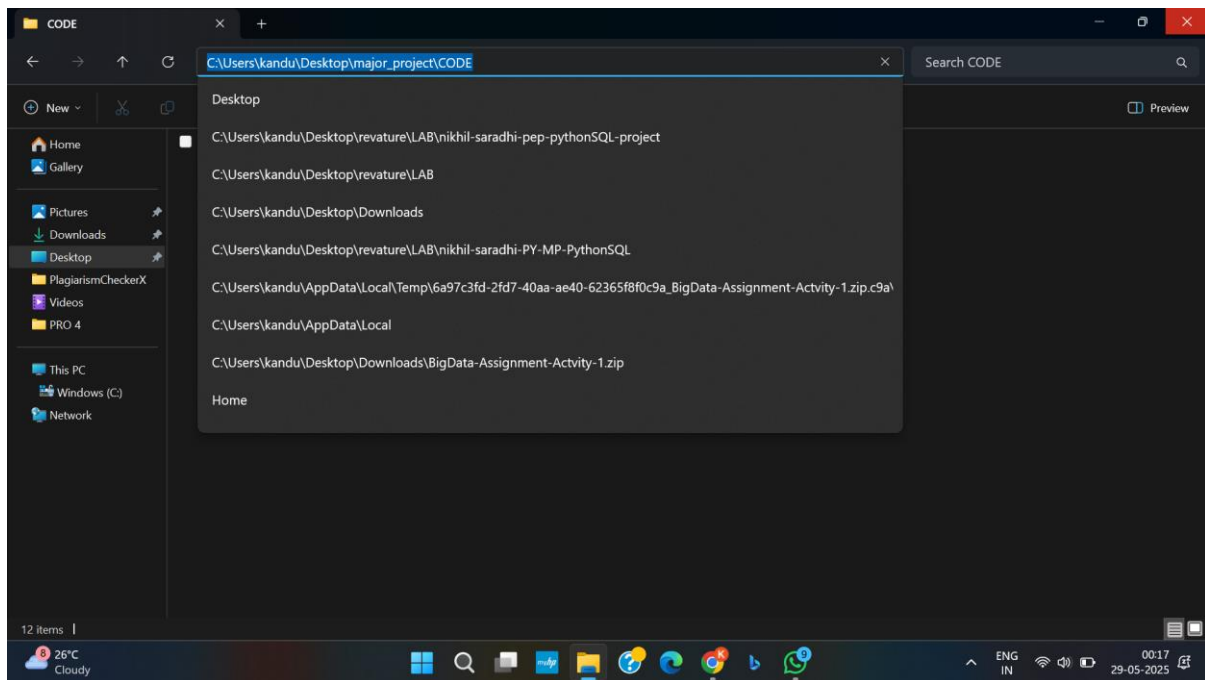
1.click on major project folder and open it



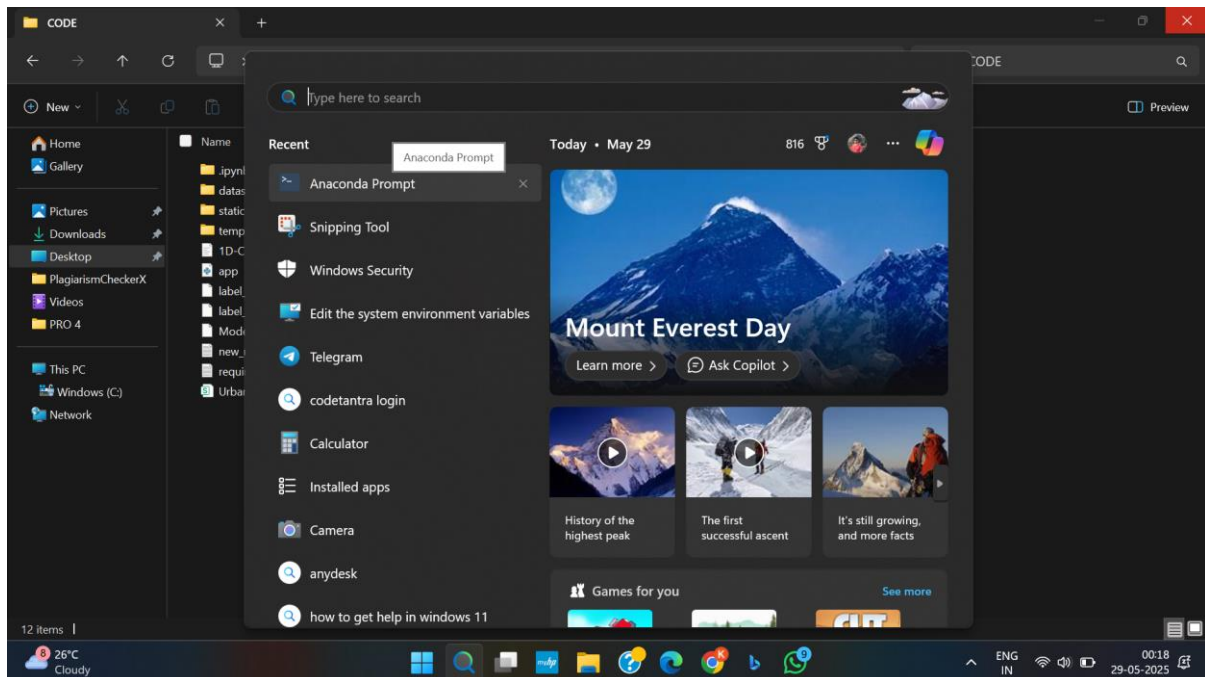
2.click on code folder and open it



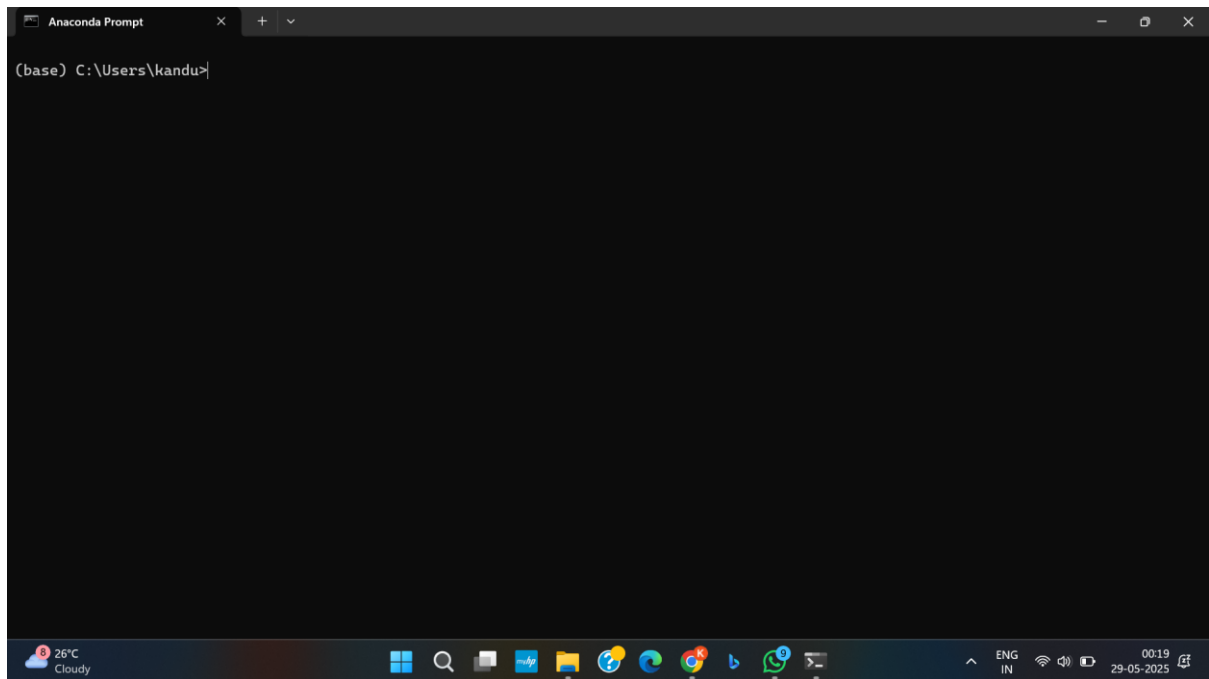
3.now copy the path of project file



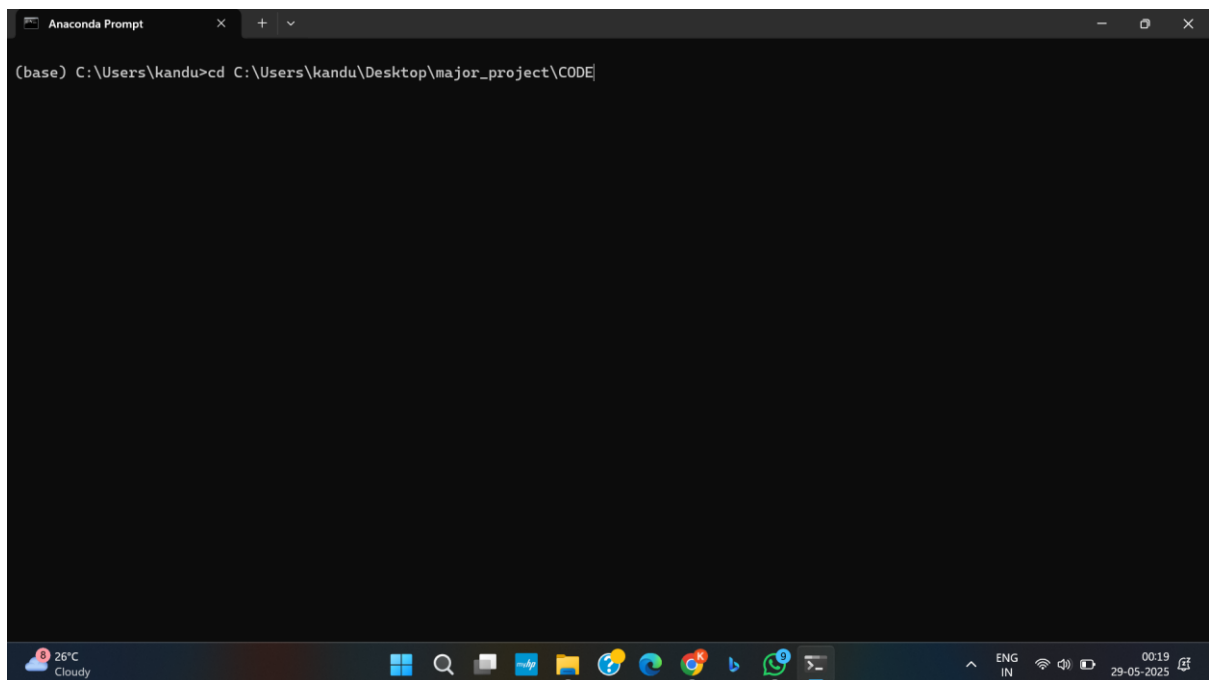
4.now click on search ,and search for anaconda prompt then click and open it .if there is no anaconda prompt install anaconda navigator from chrome and download it for windows 10,11 ios.



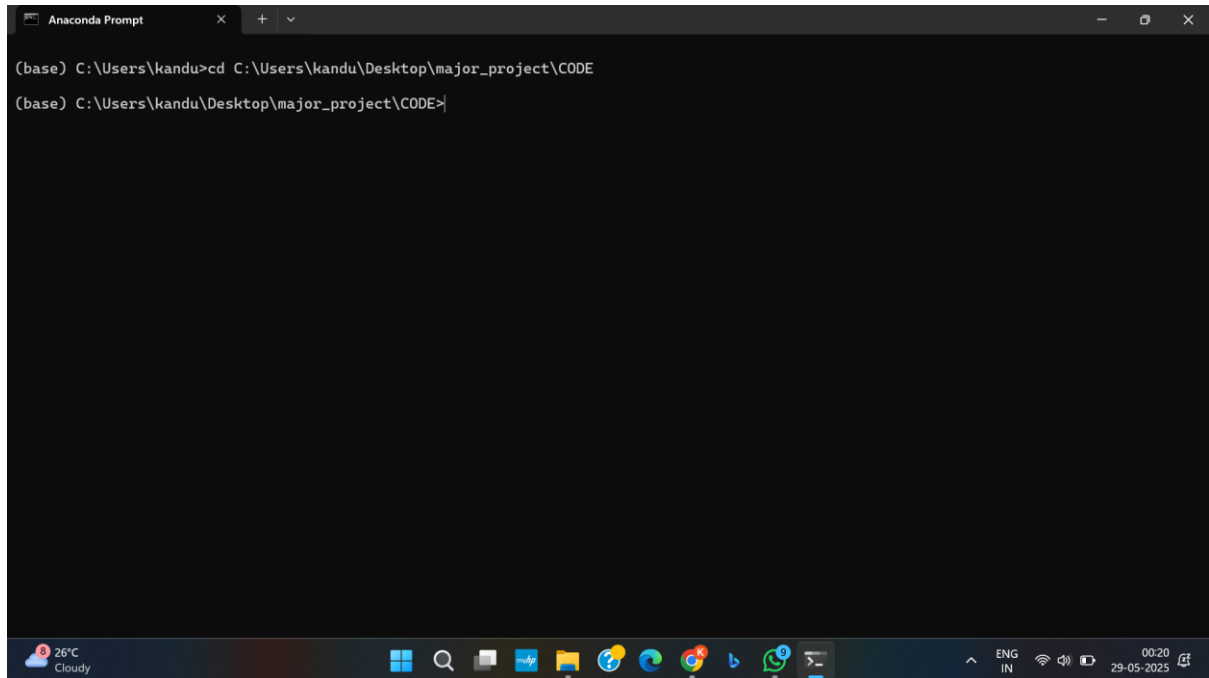
5.now the anaconda command prompt opens.



6.now type cd paste the project file path then press enter button on keyboard



7.it shows like this

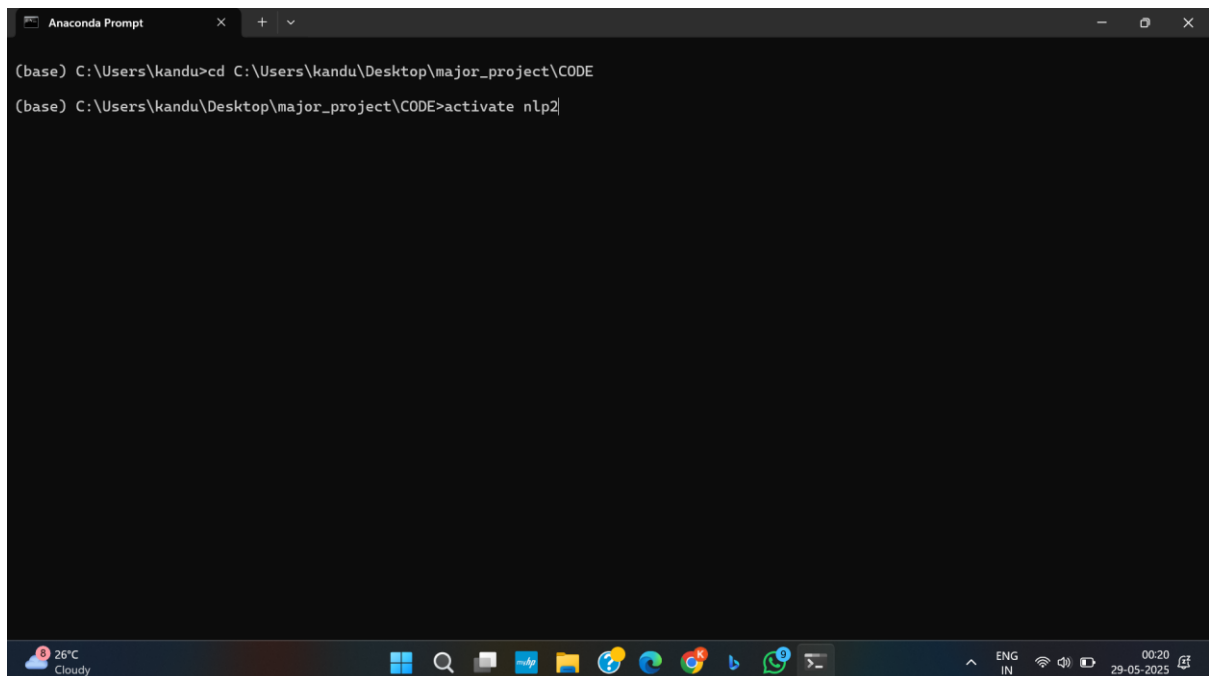


A screenshot of the Anaconda Prompt terminal window. The window title is "Anaconda Prompt". The terminal shows the following commands and output:

```
(base) C:\Users\kandu>cd C:\Users\kandu\Desktop\major_project\CODE  
(base) C:\Users\kandu\Desktop\major_project\CODE>
```

The terminal is dark-themed. The Windows taskbar is visible at the bottom, showing the date and time as 00:20 on 29-05-2025, and the language set to ENG IN.

8.now type activate nlp2 then press enter button on keyboard

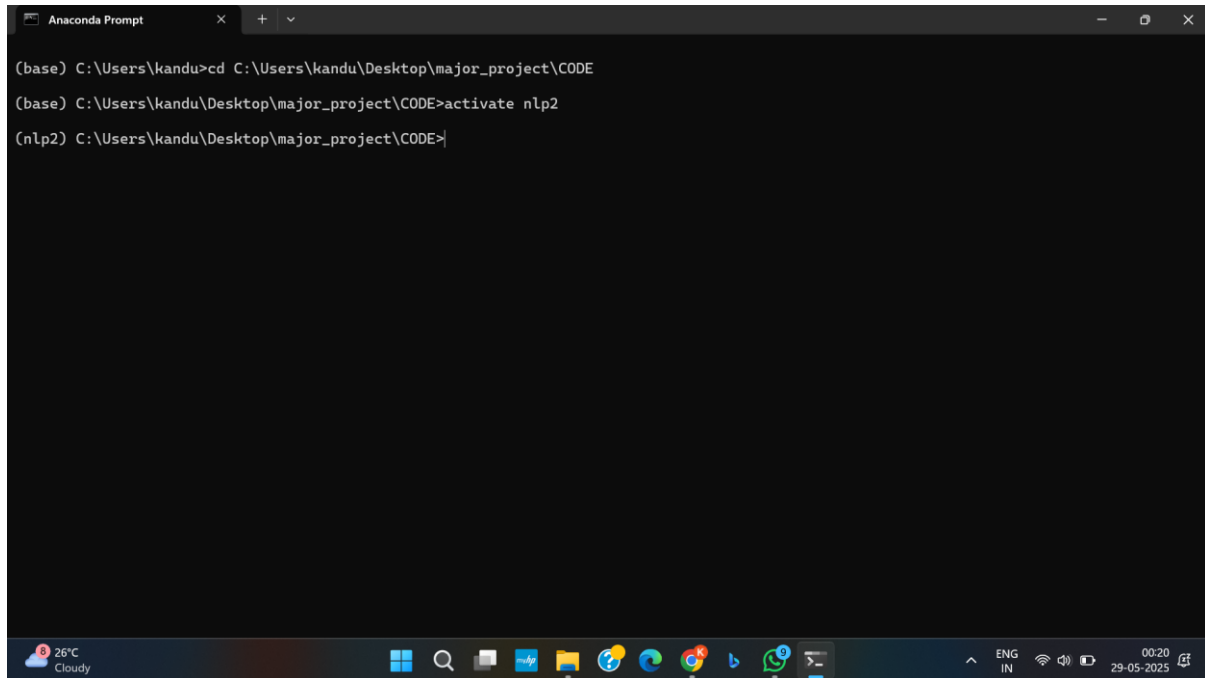


A screenshot of the Anaconda Prompt terminal window, showing the next step in the process. The terminal shows the following commands and output:

```
(base) C:\Users\kandu>cd C:\Users\kandu\Desktop\major_project\CODE  
(base) C:\Users\kandu\Desktop\major_project\CODE>activate nlp2
```

The terminal is dark-themed. The Windows taskbar is visible at the bottom, showing the date and time as 00:20 on 29-05-2025, and the language set to ENG IN.

9.it shows like this

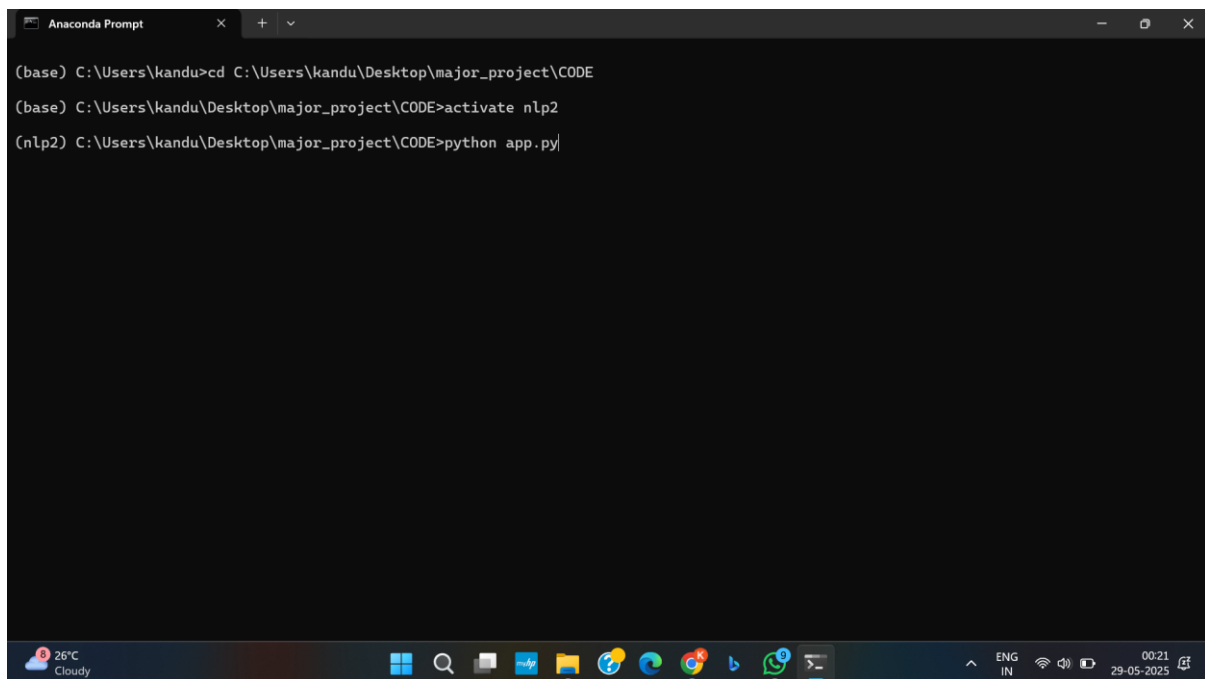


A screenshot of the Anaconda Prompt terminal window. The window title is "Anaconda Prompt". The terminal shows the following commands and their outputs:

```
(base) C:\Users\kandu>cd C:\Users\kandu\Desktop\major_project\CODE
(base) C:\Users\kandu\Desktop\major_project\CODE>activate nlp2
(nlp2) C:\Users\kandu\Desktop\major_project\CODE>
```

The Windows taskbar is visible at the bottom, showing the date and time as 00:20 on 29-05-2025, and the weather as 26°C Cloudy.

10.now again type python app.py,then enter

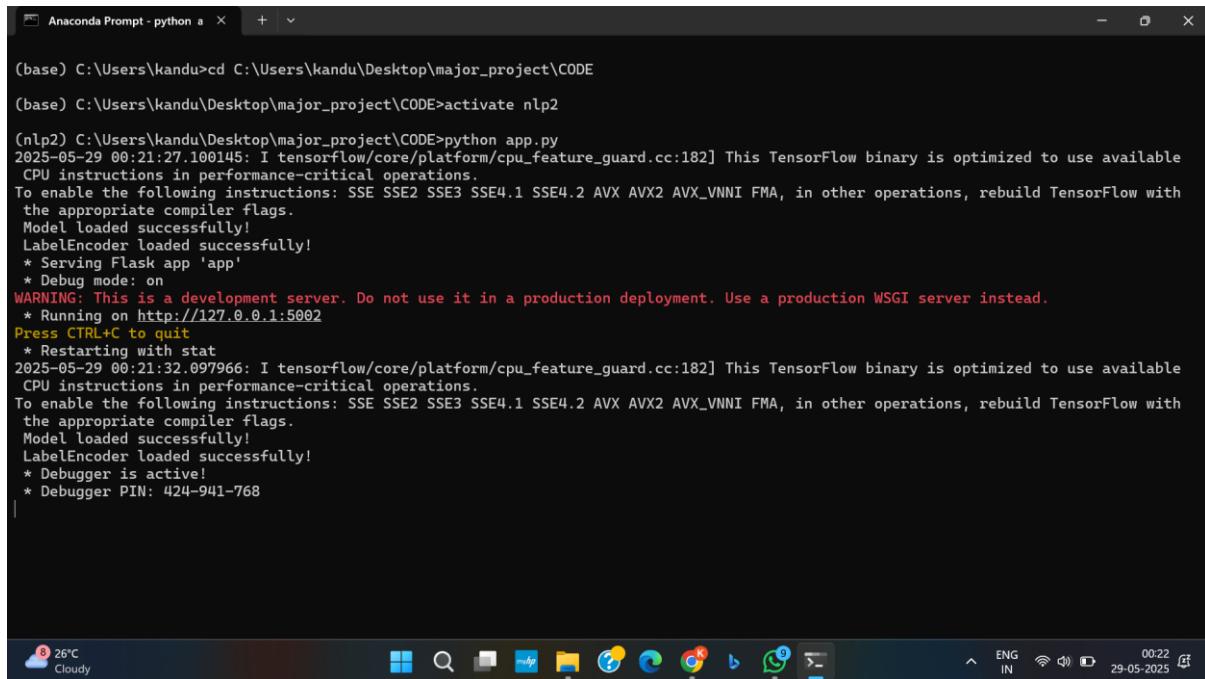


A screenshot of the Anaconda Prompt terminal window, showing the next step in the process. The terminal shows the following commands and their outputs:

```
(base) C:\Users\kandu>cd C:\Users\kandu\Desktop\major_project\CODE
(base) C:\Users\kandu\Desktop\major_project\CODE>activate nlp2
(nlp2) C:\Users\kandu\Desktop\major_project\CODE>python app.py
```

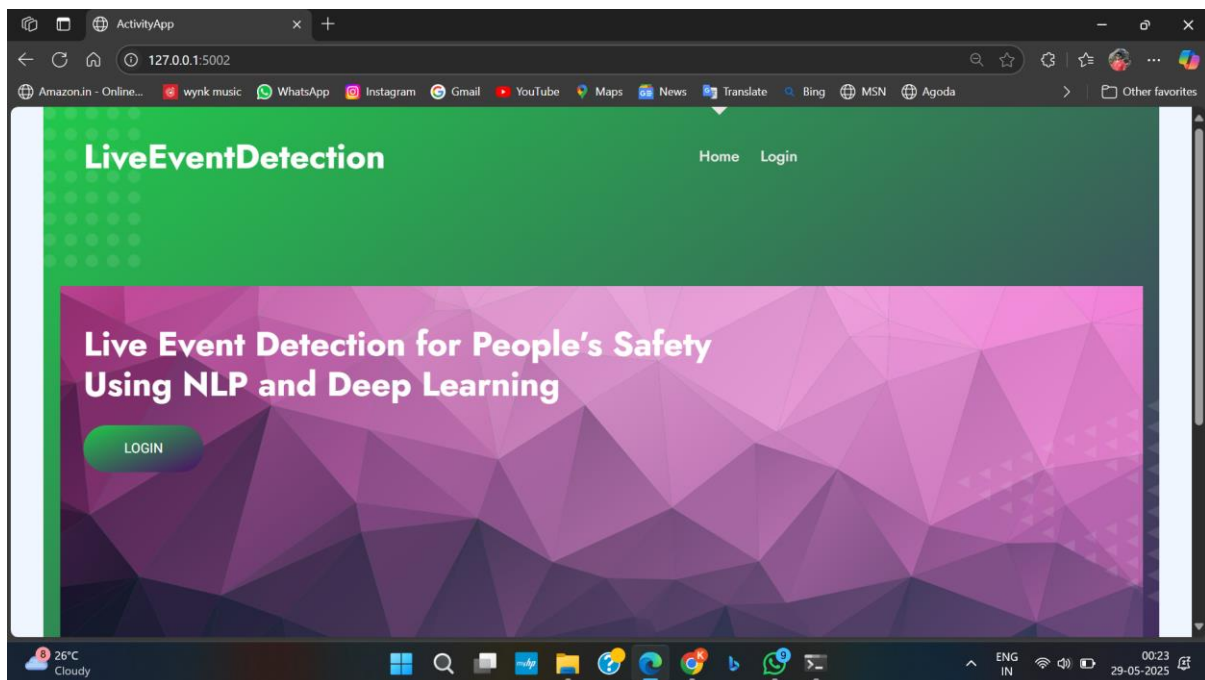
The Windows taskbar is visible at the bottom, showing the date and time as 00:21 on 29-05-2025, and the weather as 26°C Cloudy.

11.now,the project runs and will be activated .it is shown in the below figure,then point cursor on given address link <http://127.0.0.0:5002> then ctrl + click on that link.

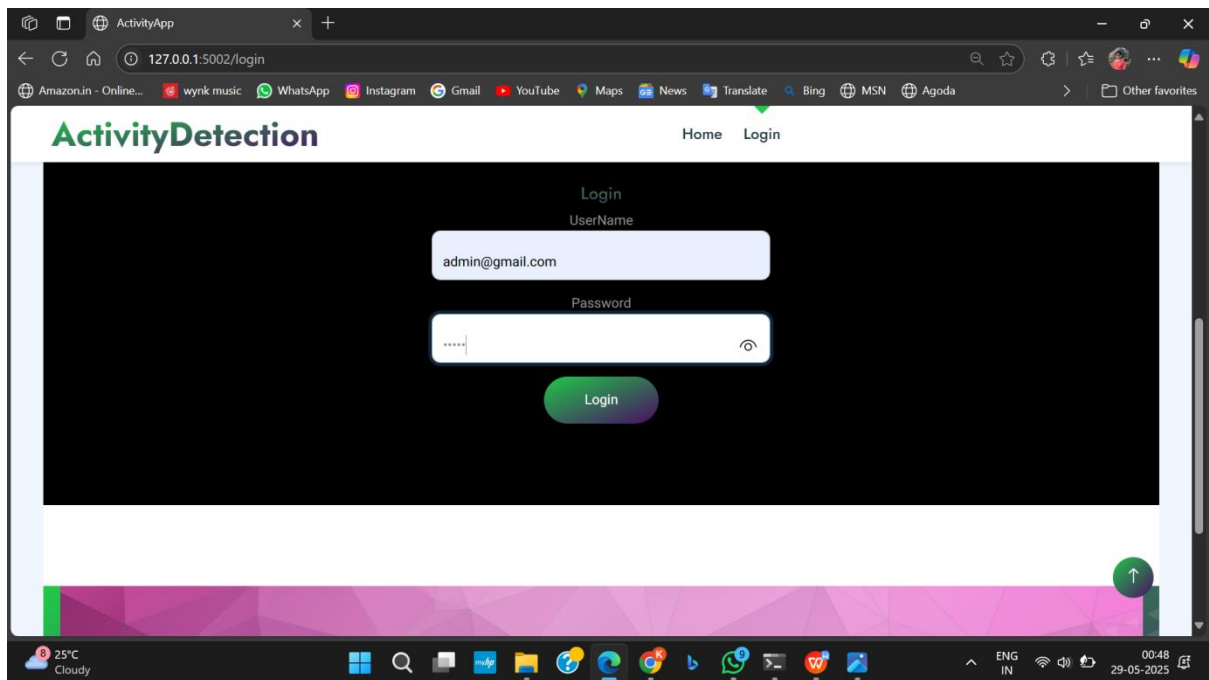


```
(base) C:\Users\kandu>cd C:\Users\kandu\Desktop\major_project\CODE
(base) C:\Users\kandu\Desktop\major_project\CODE>activate nlp2
(nlp2) C:\Users\kandu\Desktop\major_project\CODE>python app.py
2025-05-29 00:21:27.100145: I tensorflow/core/platform/cpu_feature_guard.cc:182] This TensorFlow binary 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 AVX_VNNI FMA, in other operations, rebuild TensorFlow with
the appropriate compiler flags.
Model loaded successfully!
LabelEncoder loaded successfully!
* 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://127.0.0.1:5002
Press CTRL+C to quit
* Restarting with stat
2025-05-29 00:21:32.097966: 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 AVX_VNNI FMA, in other operations, rebuild TensorFlow with
the appropriate compiler flags.
Model loaded successfully!
LabelEncoder loaded successfully!
* Debugger is active!
* Debugger PIN: 424-941-768
```

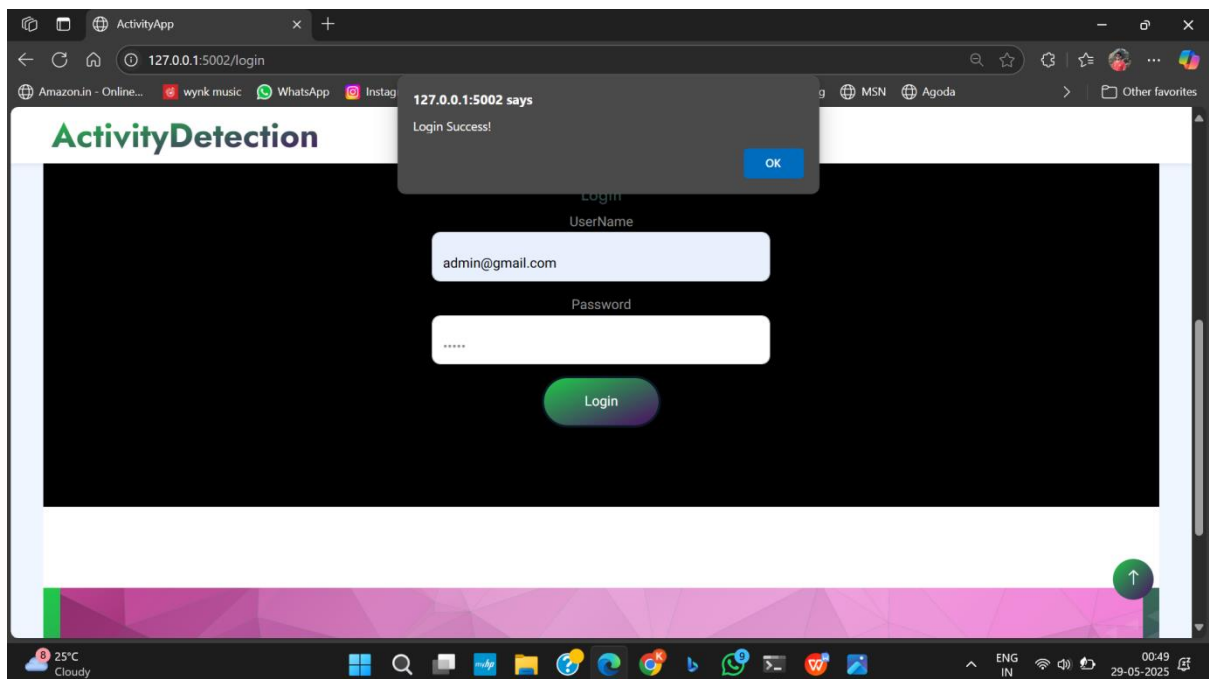
12.the below page will be opened.



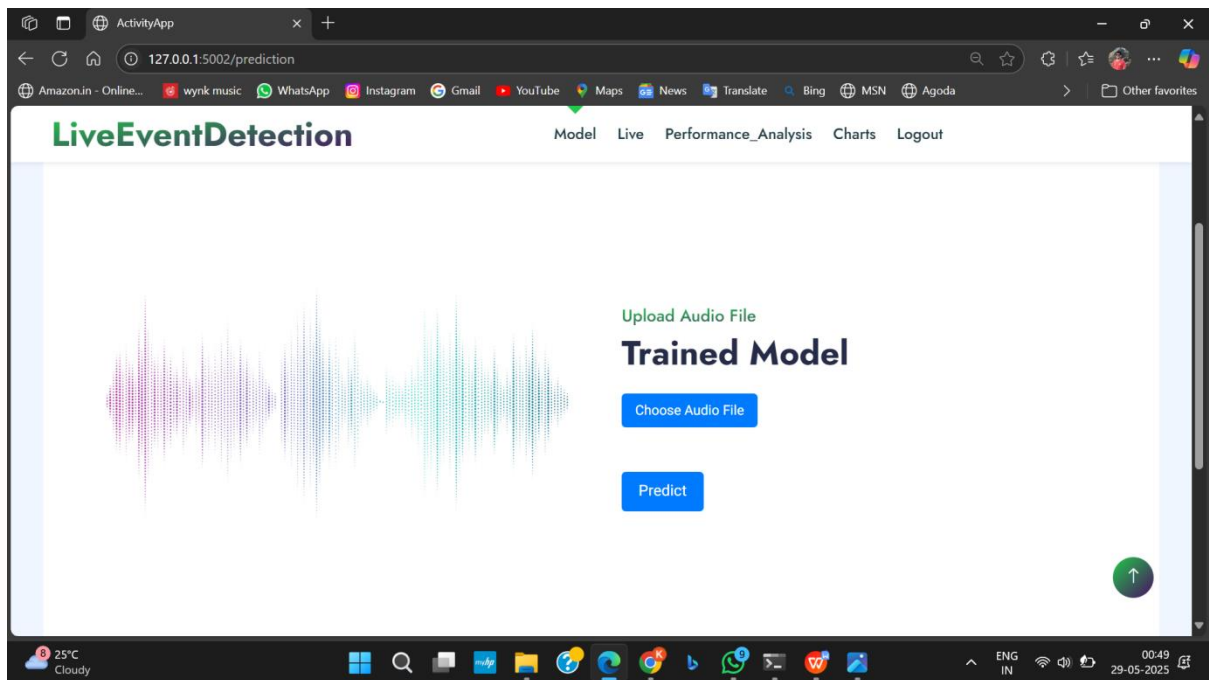
13.now go to login,and give the details then enter



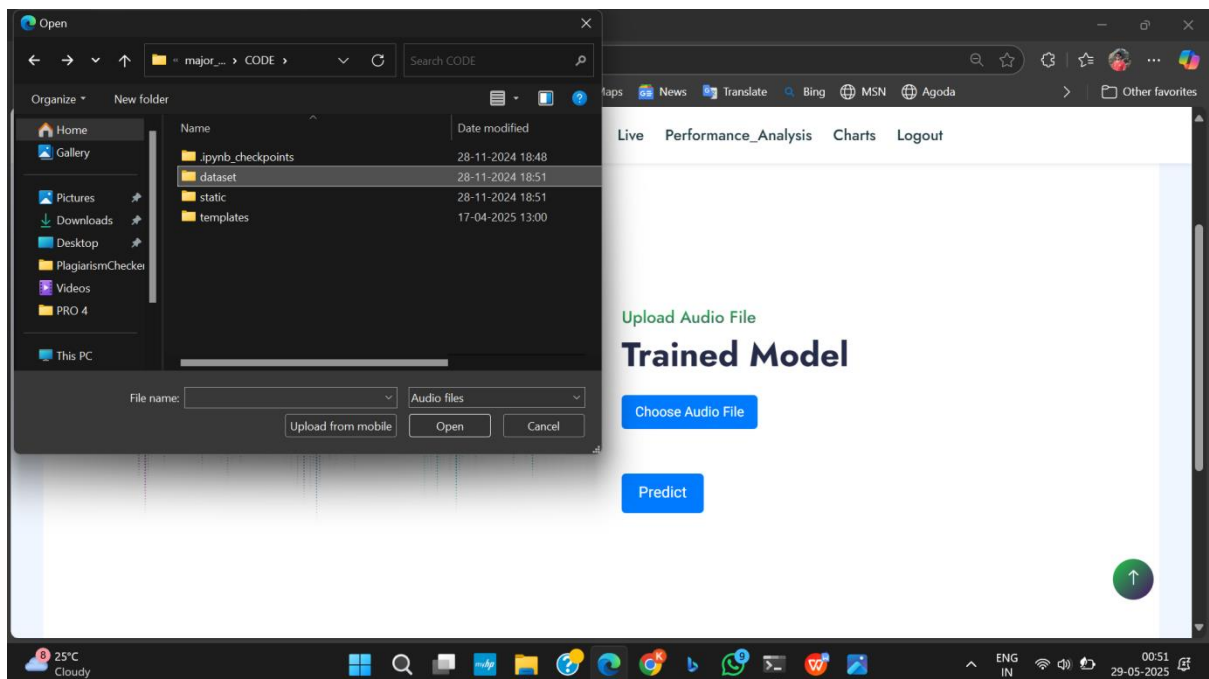
14.it shows login success



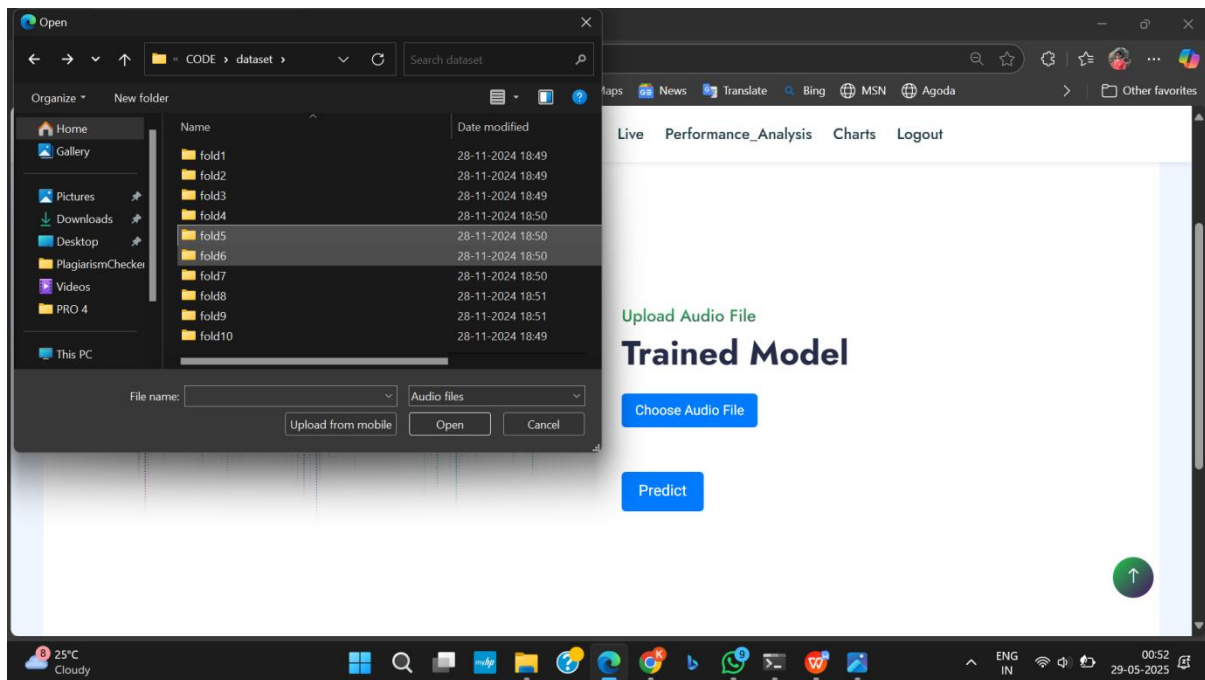
15. after login, the below page opens, now go to model, click on choose audio file



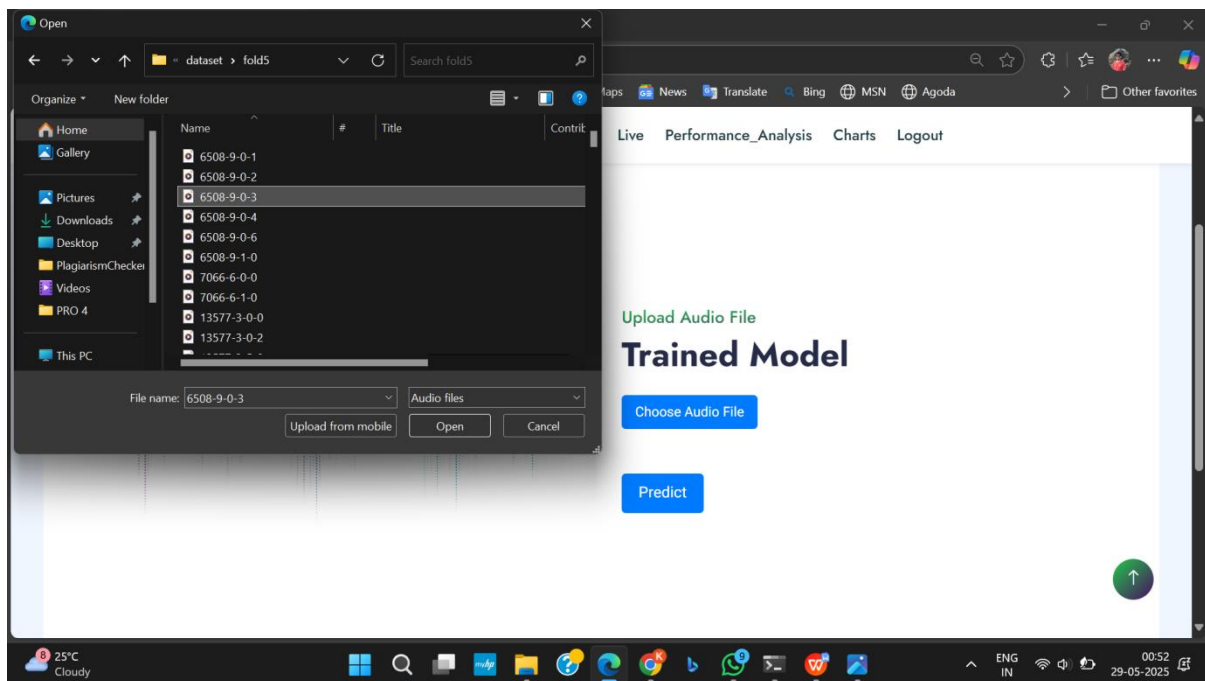
16. open major project folder. then open code, then click on data set



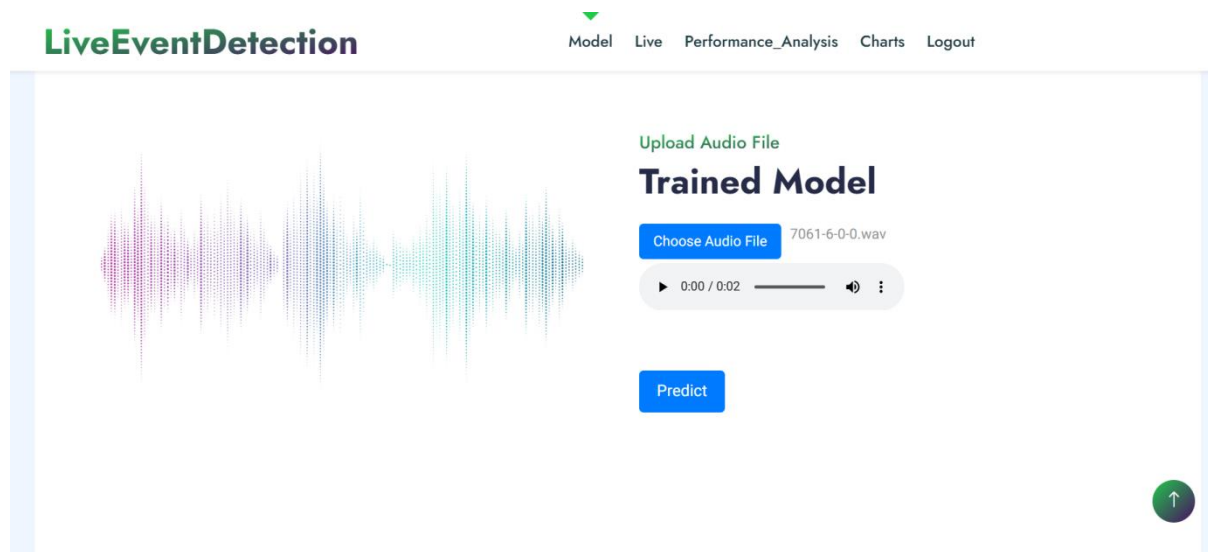
17. choose any of the folder and click it



18, then choose any of the audio file and click it



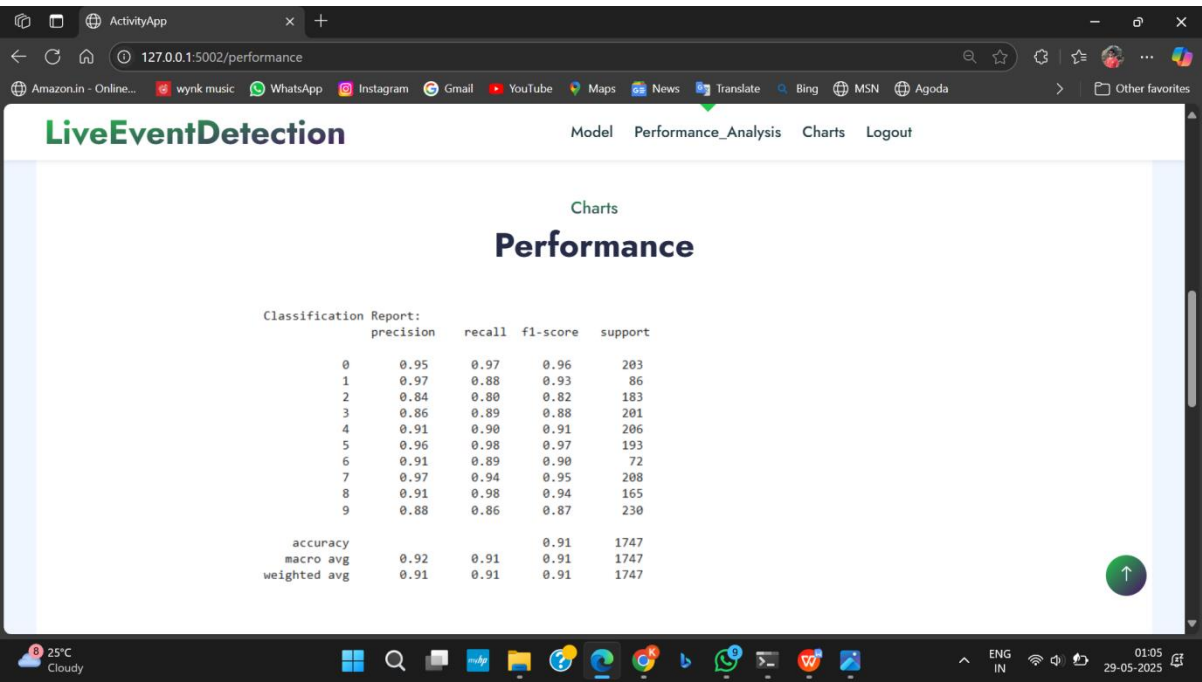
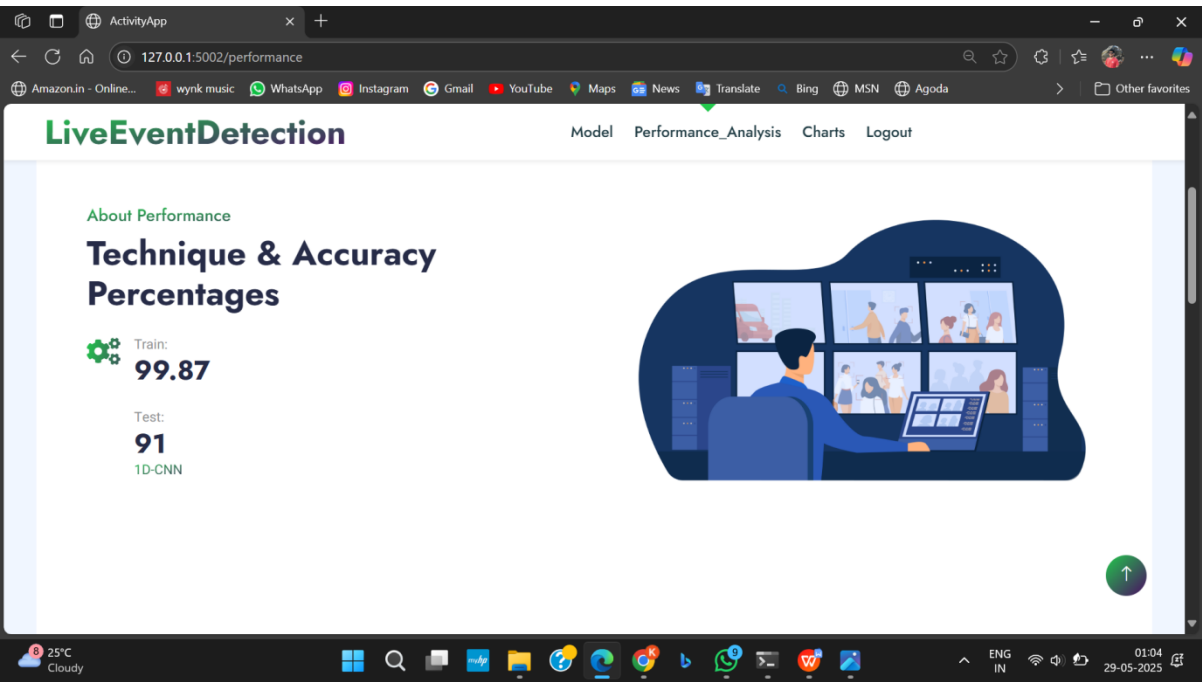
19.the audio file will be uploaded as input and click on predict

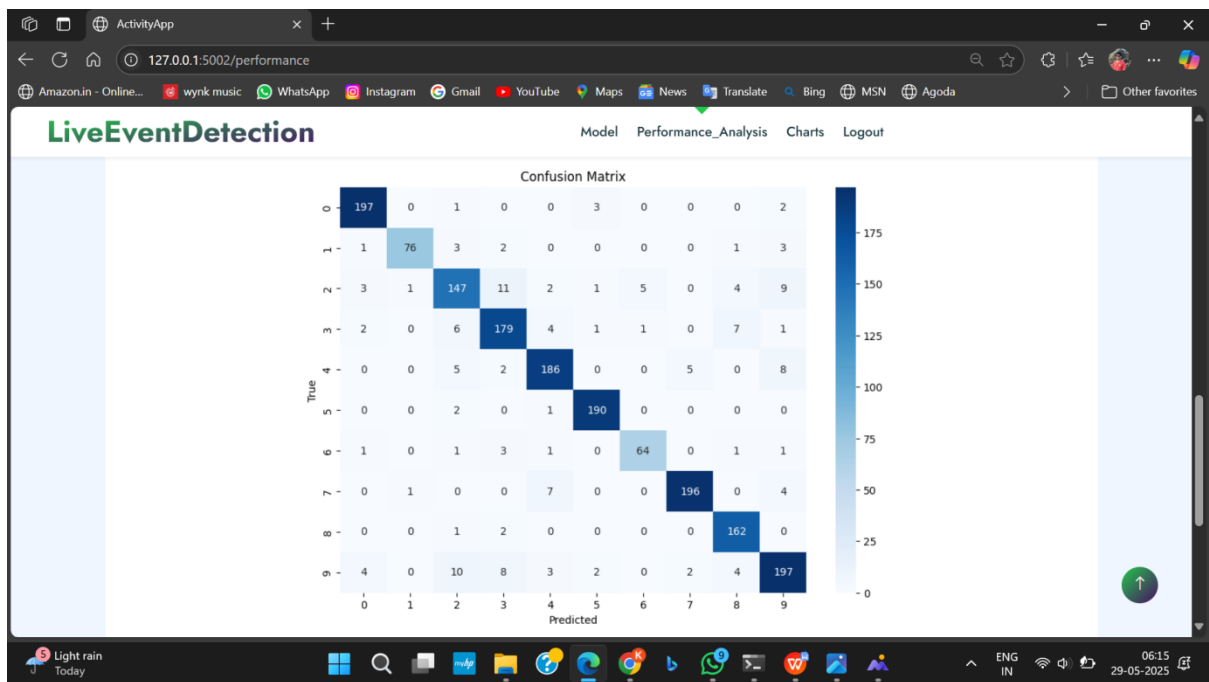


20.the output is shown in the given figure

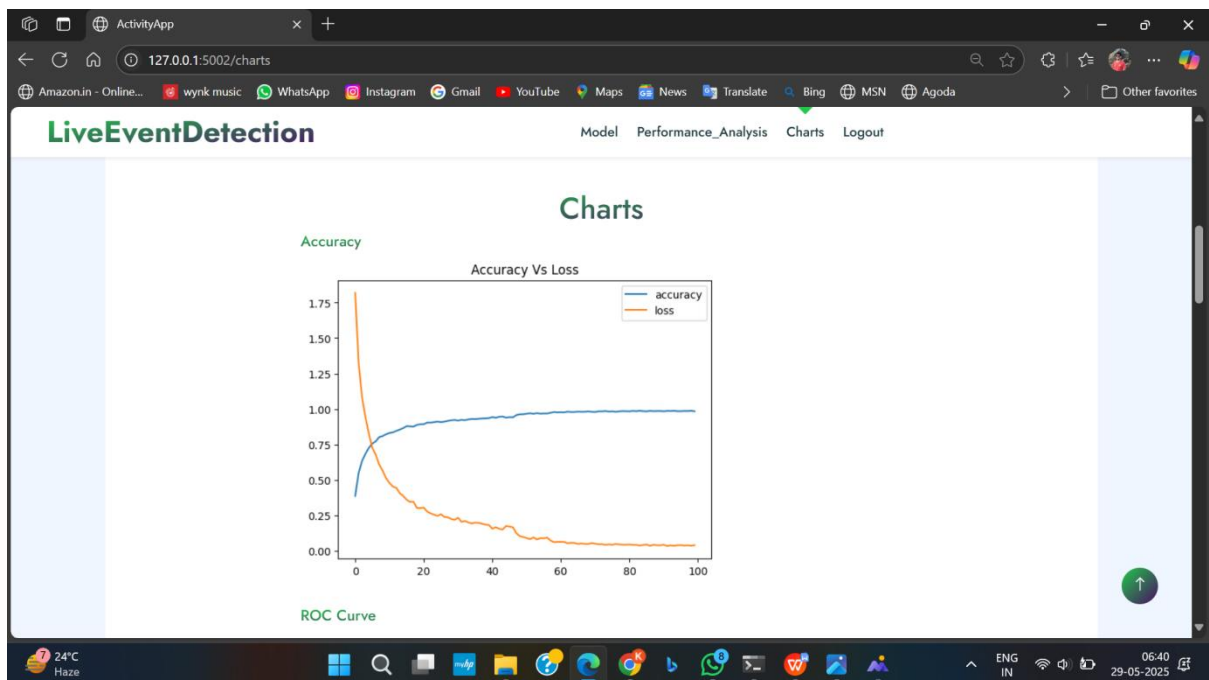


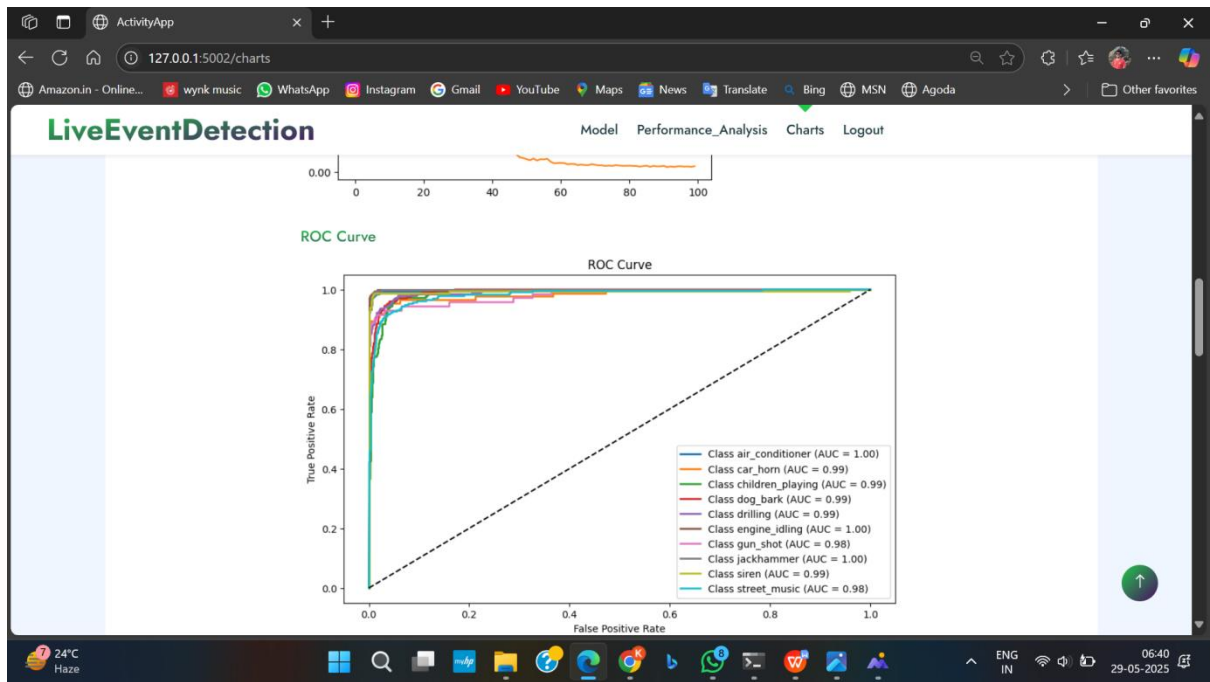
21.now go to performance analysis and open it,then performance is shown in below figures

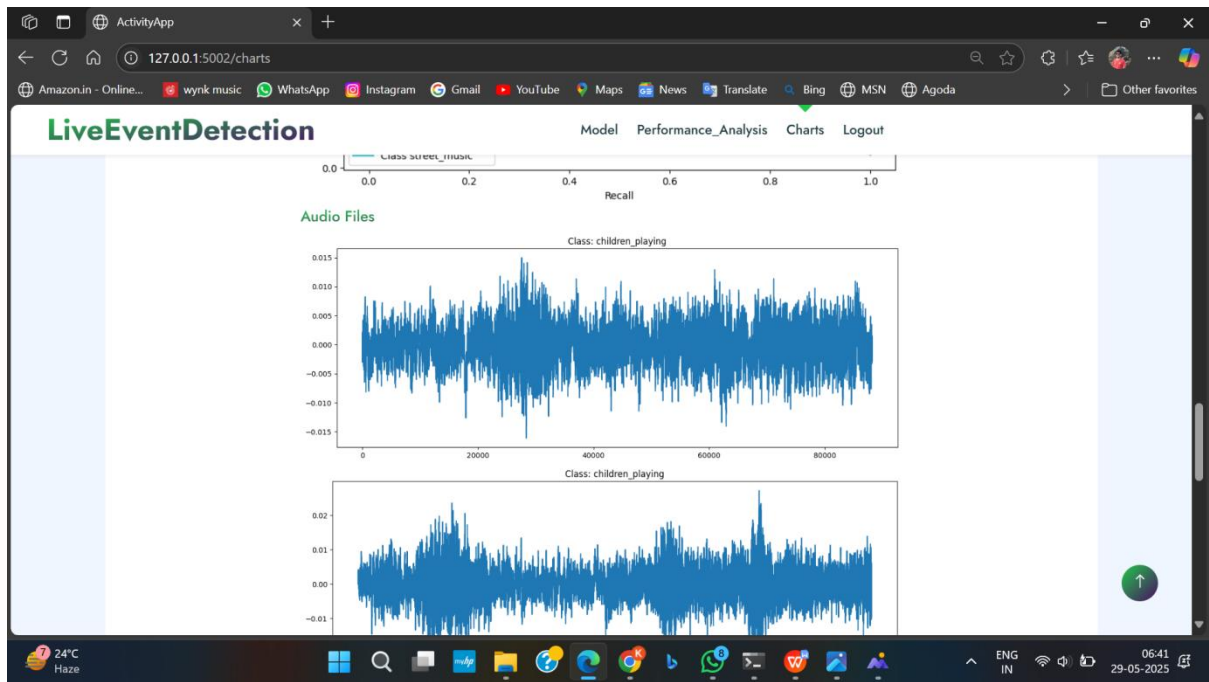




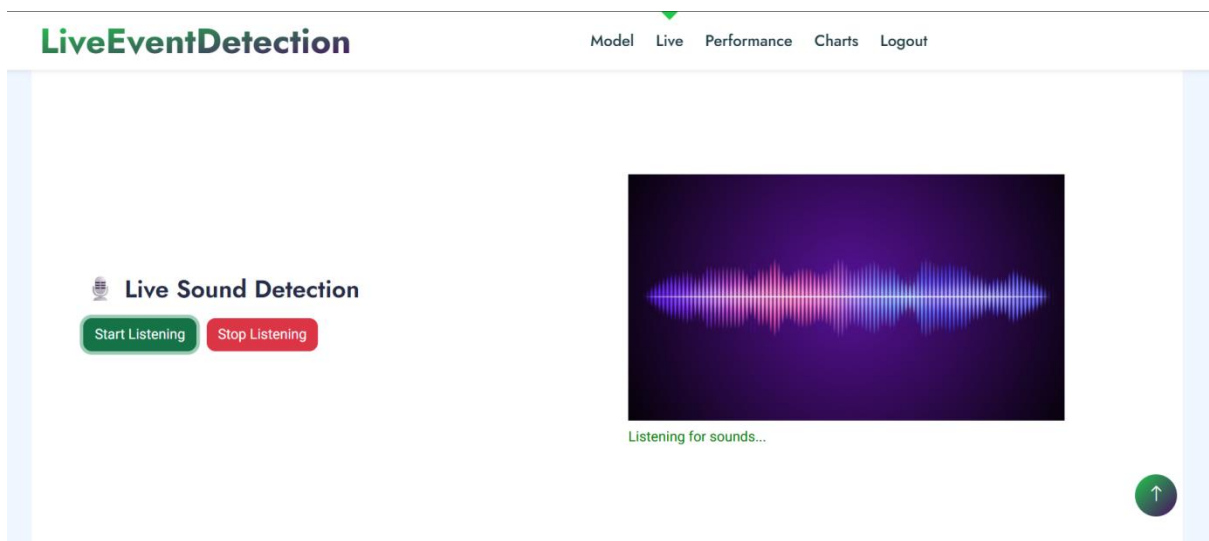
22.now goto charts and open it ,then graphs is shown in below figures







23. After login ,we can see live option,then click ,open it,it is shown in below figure



24. click on start listening, and give anyone audio like gunshot sound, etc.. then click on stop listening, then it detects the audio if found, it shows true detected. Now the project is completed then logout.

