

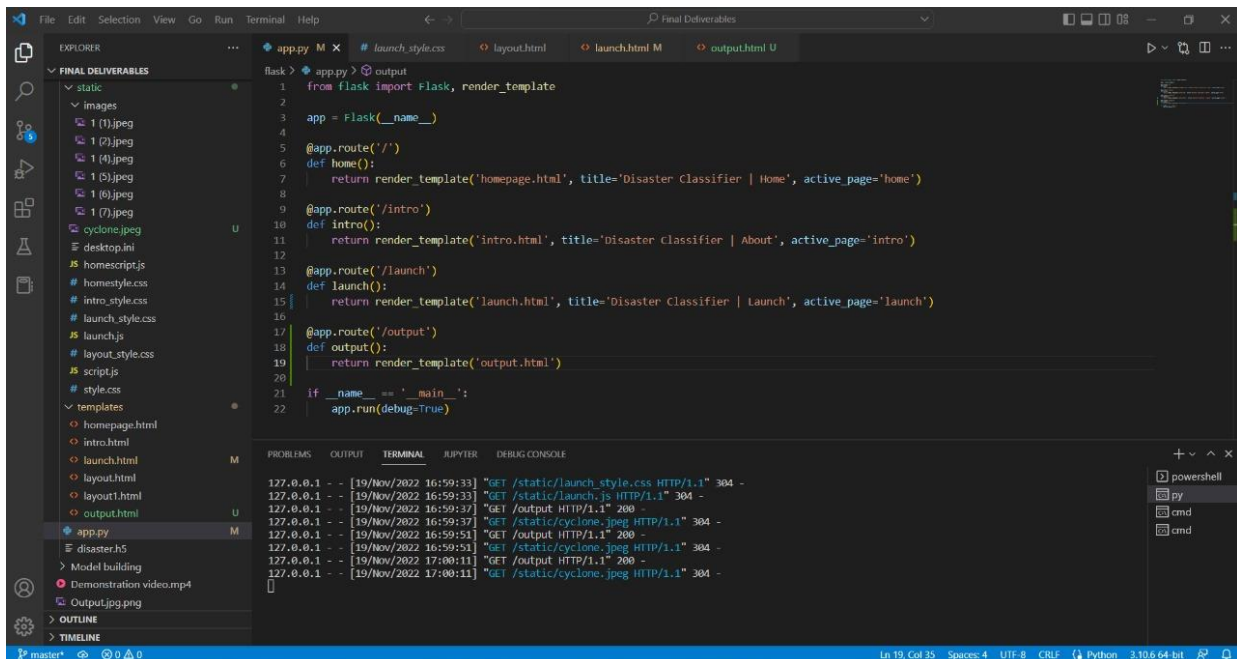
PROJECT DEVELOPMENT PHASE

SPRINT-4

Date	12 th November 2022
Team ID	PNT2022MID29928
Project Name	Natural Disaster Intensity Analysis and Classification using Artificial Intelligence

INTEGRATE THE WEB APP WITH AI MODEL:

After creating the Model, the Model should be integrated with the web app using the Flask application. The coding part is named as app.py and it will be running in the localhost through the generated link. By navigating the localhost the webpage will be visible.

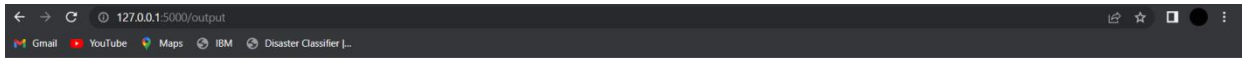


The screenshot displays a Visual Studio Code editor window with a project named 'Final Deliverables'. The Explorer sidebar on the left shows a file structure with folders for 'static' (containing images), 'templates' (containing HTML files like homepage.html, intro.html, launch.html, layout.html, output.html), and 'styles' (containing CSS files). The main editor area shows the code for 'app.py', which is a Flask application. The code defines routes for home, intro, launch, and output, each rendering a corresponding HTML template. The terminal at the bottom shows the application running on localhost:5000, with several GET requests being received for static files and templates.

```
flask > app.py > output
1 from flask import Flask, render_template
2
3 app = Flask(__name__)
4
5 @app.route('/')
6 def home():
7     return render_template('homepage.html', title='Disaster Classifier | Home', active_page='home')
8
9 @app.route('/intro')
10 def intro():
11     return render_template('intro.html', title='Disaster Classifier | About', active_page='intro')
12
13 @app.route('/launch')
14 def launch():
15     return render_template('launch.html', title='Disaster Classifier | Launch', active_page='launch')
16
17 @app.route('/output')
18 def output():
19     return render_template('output.html')
20
21 if __name__ == '__main__':
22     app.run(debug=True)
```

TERMINAL OUTPUT:

```
127.0.0.1 - - [19/Nov/2022 16:59:33] "GET /static/launch_style.css HTTP/1.1" 304 -
127.0.0.1 - - [19/Nov/2022 16:59:33] "GET /static/launch.js HTTP/1.1" 304 -
127.0.0.1 - - [19/Nov/2022 16:59:37] "GET /output HTTP/1.1" 200 -
127.0.0.1 - - [19/Nov/2022 16:59:37] "GET /static/cyclone.jpeg HTTP/1.1" 304 -
127.0.0.1 - - [19/Nov/2022 16:59:51] "GET /output HTTP/1.1" 200 -
127.0.0.1 - - [19/Nov/2022 16:59:51] "GET /static/cyclone.jpeg HTTP/1.1" 304 -
127.0.0.1 - - [19/Nov/2022 17:00:11] "GET /output HTTP/1.1" 200 -
127.0.0.1 - - [19/Nov/2022 17:00:11] "GET /static/cyclone.jpeg HTTP/1.1" 304 -
```



The natural disaster identified was "CYCLONE"

