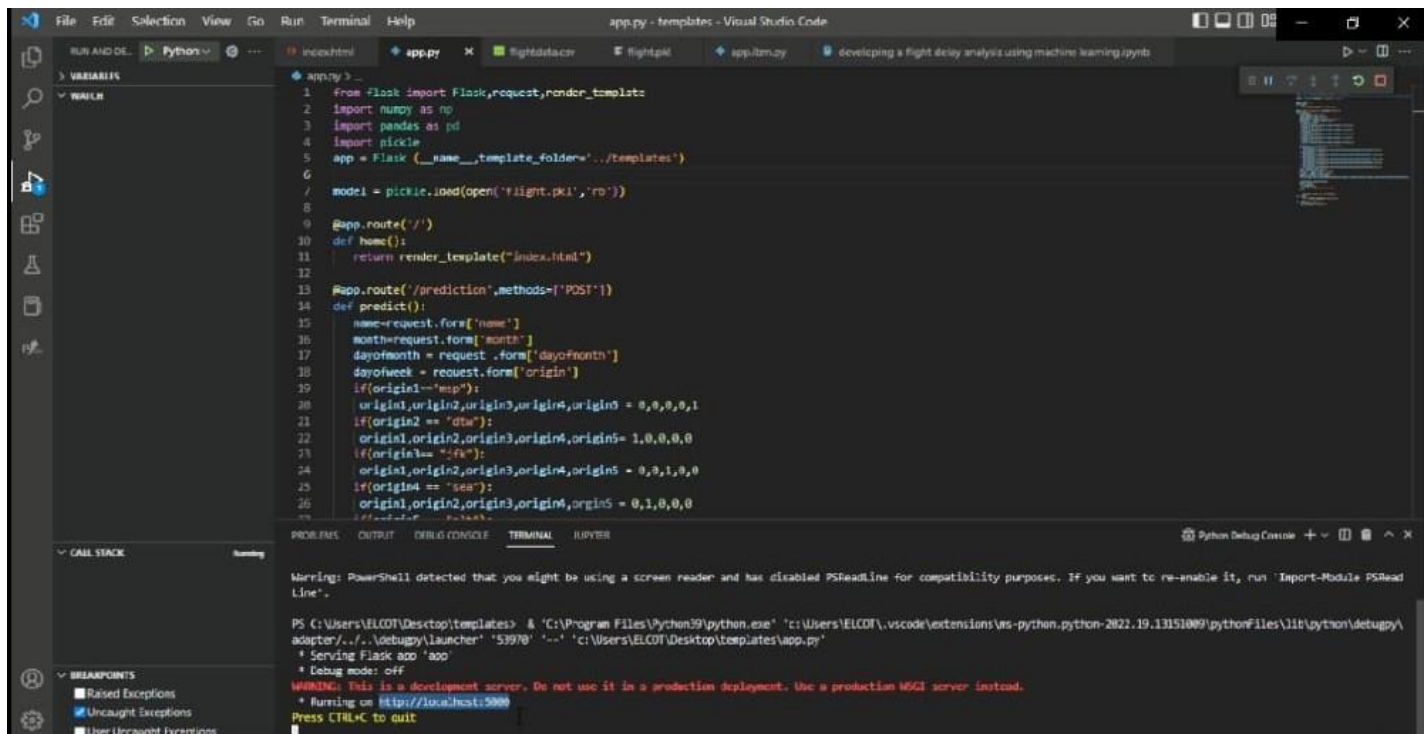


EXECUTION

| | |
|--------------|--------------------------------------|
| Date | 06-11-2022 |
| Team ID | PNT2022TMID41699 |
| Project Name | Developing a flight delay prediction |

SCREENSHOTS:



```
1 from flask import Flask, request, render_template
2 import numpy as np
3 import pandas as pd
4 import pickle
5 app = Flask(__name__, template_folder='../templates')
6
7 model = pickle.load(open('flight.pkl', 'rb'))
8
9 @app.route('/')
10 def home():
11     return render_template("index.html")
12
13 @app.route('/prediction', methods=['POST'])
14 def predict():
15     name = request.form['name']
16     month = request.form['month']
17     dayofmonth = request.form['dayofmonth']
18     dayofweek = request.form['origin']
19     if(origin1 == "msp"):
20         origin1, origin2, origin3, origin4, origin5 = 0, 0, 0, 0, 1
21     if(origin2 == "dca"):
22         origin1, origin2, origin3, origin4, origin5 = 1, 0, 0, 0, 0
23     if(origin3 == "jfk"):
24         origin1, origin2, origin3, origin4, origin5 = 0, 0, 1, 0, 0
25     if(origin4 == "sea"):
26         origin1, origin2, origin3, origin4, origin5 = 0, 1, 0, 0, 0
```

Warning: PowerShell detected that you might be using a screen reader and has disabled PSReadline for compatibility purposes. If you want to re-enable it, run 'Import-Module PSReadline'.

PS C:\Users\ELCOT\Desktop\templates> & 'C:\Program Files\Python39\python.exe' 'C:\Users\ELCOT\.vscode\extensions\ms-python.python-2021.19.13151009\pythonFiles\jupyter\python\detugpy\adapter\...\debugpy\launcher' '53970' '--' 'C:\Users\ELCOT\Desktop\templates\app.py'

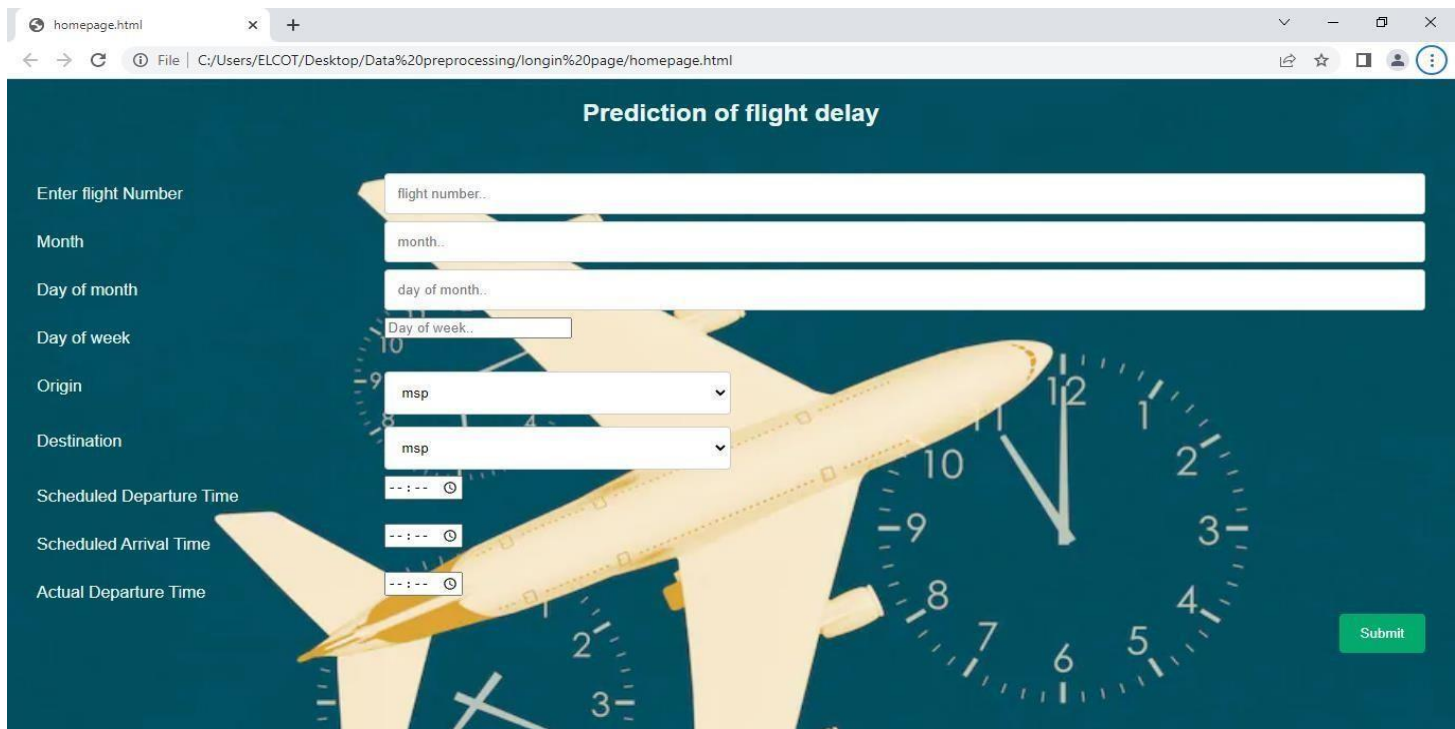
* Serving Flask app 'app'

* 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://localhost:5000>

Press CTRL+C to quit



homepage.html

File | C:\Users\ELCOT\Desktop\Data%20preprocessing\login%20page\homepage.html

Prediction of flight delay

Enter flight Number

Month

Day of month

Day of week

Origin

Destination

Scheduled Departure Time

Scheduled Arrival Time

Actual Departure Time

Submit