

Project Development Phase
Sprint 4

Date	17 November 2022
Team ID	PNT2022TMID34405
Project Name	Machine Learning-Based Predictive Analytics for Aircraft Engine
Team Members	Abishek S (TeamLeader) Jishnu J.B (Member - 1) Madhavan M (Member - 2) Jithu Prasennan (Member - 3)

deploy.py:

```
deploy.py
1 from flask import Flask, render_template, request
2 import numpy as np
3
4
5 import requests
6
7 # NOTE: you must manually set API_KEY below using information retrieved from your IBM Cloud account.
8 API_KEY = "bd33L-aWvzsBFBWFFkyrYPrZM96180bvKDOHjVVsu"
9 token_response = requests.post('https://iam.cloud.ibm.com/identity/token', data={"apikey":
10 | API_KEY, "grant_type": 'urn:ibm:params:oauth:grant-type:apikey'})
11 mltoken = token_response.json()["access_token"]
12
13 header = {'Content-Type': 'application/json', 'Authorization': 'Bearer ' + mltoken}
14
15 app = Flask(__name__)
16
17
18 #home page
19 @app.route('/')
20 def home():
21     return render_template('home.html')
22
23
24 #signup page
25 @app.route('/register')
26 def register():
27     return render_template('register.html')
28
29
30 #login page
31 @app.route('/login')
32 def login():
```

