**Name : Ali Azhar**

**Roll Number : SU92-BSAIM-S24-026**

**Section : 4A**

**“Documentation of Task 7”**

**Weather App (Flask) :**

In this app, I use API of **weather Forecasting** to measure the weather of different cities by their names. I use Flask for this front end.

**API.txt :**

In this Text file I only write the Weather API for my future help for understanding that what API code I use in this Model. This file has no need for this Task but only for my help I make it and use it.

**Index.html :**

This inde.html file contains the code of my **Front end** weather system Structure. In this only tags and structure of my model is prepared. And also in this code I link **Js** and **Css** files.

**Style.css :**

In this file, I did the styling of my model for html file only. I also link this file in Index.html file.

**Script.js :**

In ths file, I give the **logic** of my Model that user given the name of city and my model give him the temperature and atmosphere of that city and also link this file in Index.html file.

**App.py :**

In this file, I use the **API** which I pick for my model and use **Basic URL** where I sign up and get my API. And this file contains the main python code of my app.

**Requirements.txt :**

In this file, I write only the libraries which used in my model and then I go the terminal and run this file for installing all the libraries written in this file. The command for run this file is **“python -r Requirements.txt”**

**URL for Chrome :**

http://127.0.0.1:5000

