

## Implementing Web Application

### Create UI to Interact with Application

Date	18 September 2022
Team ID	PNT2022TMID30144
Project Name	Project - Customer Care Registry

**Step 1 :** Install the latest version of Python in your desktop,link:

<https://www.python.org/downloads/>.

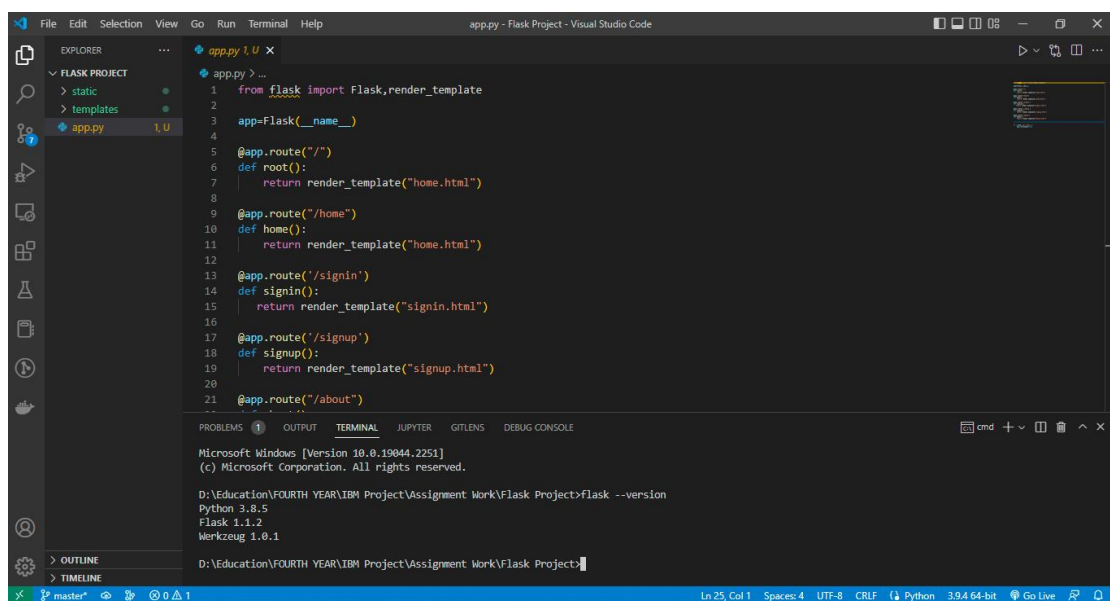
**Step 2 :** After that,Create new file in your desktop and open command prompt here and type this below command to install the flask.Then the Flask will install in few Seconds as shown below:

**Pip install flask**

**Step 3 :** Then you can check whether the flask is installed or not in a system,by tying these command in command prompt:

**Flask --version**

**Step 4 :** Open Visual Studio Code and Enter the code



The screenshot shows the Visual Studio Code interface with a Flask application code in `app.py` and a terminal window displaying the command prompt output.

```
1 from flask import Flask,render_template
2
3 app=Flask(__name__)
4
5 @app.route("/")
6 def root():
7     return render_template("home.html")
8
9 @app.route("/home")
10 def home():
11     return render_template("home.html")
12
13 @app.route('/signin')
14 def signin():
15     return render_template("signin.html")
16
17 @app.route('/signup')
18 def signup():
19     return render_template("signup.html")
20
21 @app.route("/about")
```

The terminal window shows the command prompt output for the `flask --version` command:

```
Microsoft Windows [Version 10.0.19044.2251]
(c) Microsoft Corporation. All rights reserved.

D:\Education\FOURTH YEAR\IBM Project\Assignment Work\Flask Project>flask --version

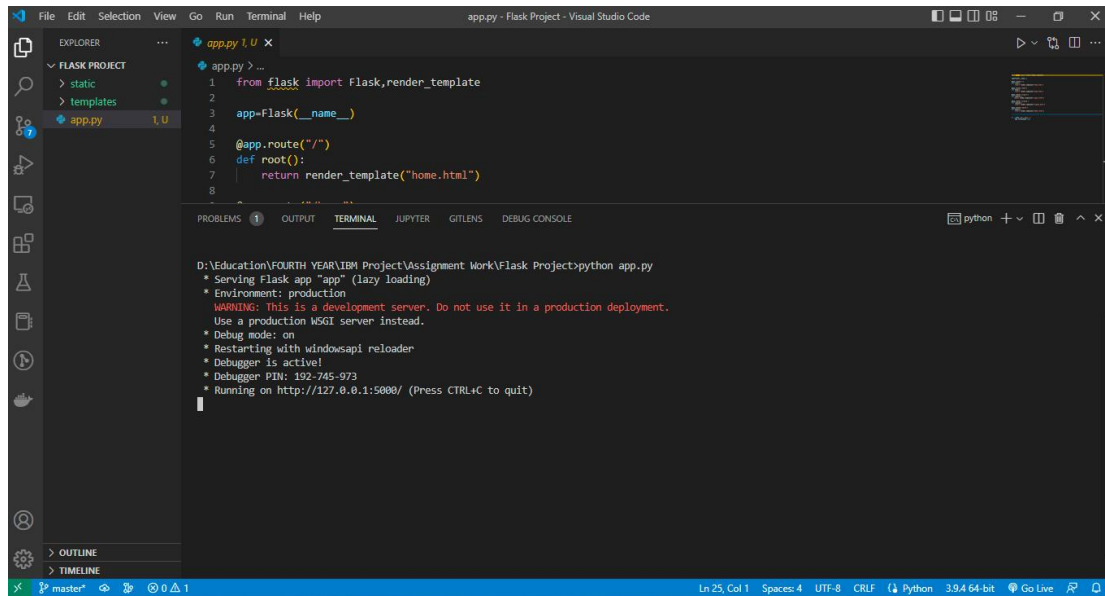
Python 3.8.5
Flask 1.1.2
Werkzeug 1.0.1

D:\Education\FOURTH YEAR\IBM Project\Assignment Work\Flask Project>
```

**Step 5 :** Save the code and give the file name as app.py.

**Step 6 :** Go to the file location and open command prompt and type this command in command prompt:

### Flask run

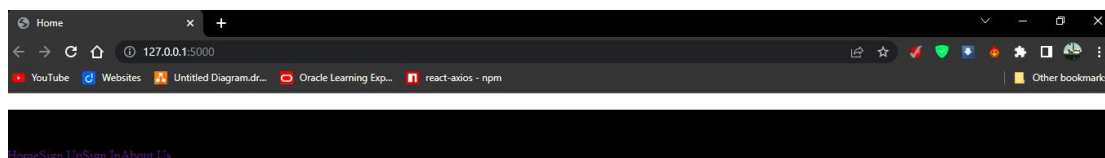


The screenshot shows the Visual Studio Code interface with a Flask application running. The Explorer pane on the left shows a project structure with 'static', 'templates', and 'app.py'. The main editor displays the code for 'app.py', which imports Flask and render\_template, creates an app, and defines a root route that renders 'home.html'. The TERMINAL pane at the bottom shows the command 'python app.py' being executed, with output indicating that the Flask app is serving on http://127.0.0.1:5000/.

```
1 from flask import Flask, render_template
2
3 app = Flask(__name__)
4
5 @app.route("/")
6 def root():
7     return render_template("home.html")
8
```

```
D:\Education\FOURTH YEAR\IBM Project\Assignment Work\Flask Project>python app.py
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: on
* Restarting with windowsapi reloader
* Debugger is active!
* Debugger PIN: 192-745-973
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

**Step 7 :** Click the Link (or) Copy the address(http://127.0.0.1:5000) and put it,in the browser and click enter.Then the Result will be same as the below screenshot:



### Customer Care Registry