How to run app and execute test scripts – Group-40-CH

1. Make sure you are in the root directory of the project.

2. In the root directory, create a virtual environment by running the following command:

python3 -m venv venv

Here the second venv is the name of the virtual environment. You can use any name you want.

3. Activate the virtual environment by running the following command:

source venv/bin/activate

If you are using Windows, you can activate the virtual environment by running the following command:

venv\Scripts\activate

4. Install the required packages by running the following command:

pip install -r requirements.txt

5. Run the following command to start the server:

python app.py

How our app works:

1. After venv is created and project is running you will start on the flight search page.
   a. From here you must log in or sign up to start selecting flights.

2. Register
   a. Must fill out all fields
   b. Passwords must be matching

3. Log-in
   a. Must fill in valid credentials (valid email and matching password)

4. After you login you will land back on the flight search page where it will give you a welcome message, the option to logout, and the option to go to the profile management page where you can make changes to your account details. Saving the changes will keep you on the profile management page and discarding your changes will take you back to the flight search page
   a. All fields must be filled
   b. Passwords must be matching

5. Once logged in on the flight search page you can make a flight search and choose from a mock flight. After selecting that flight you will be taken to a seat selection where you can choose your

seats for either a one way or round trip. After making your seat selection, a booking will automatically be sent to our backend and stored with your user.

6. You can then view your bookings in booking history which fetches data from the backend and displays it

To execute the test scripts:

 make sure you are in the root directory of the folder after creating the virtual environment.

Run: python -m unittest test-script-name.py