

## List of Files and Explanation

Within the folder “myapp”:

- **.py files**

- **\_\_init\_\_.py**: the parent program that calls all the .py files in the folder
- **database.py**: functions that configure the required parameters to connect to the MySQL database
- **login\_required.py** functions serve as decorators that prevent unauthorized users to do things that they are not allowed to do
- **public.py** manage all the functionalities in the public info page
- **customer.py**: manage all the use cases relative to customers
- **agent.py**: manage all the use cases relative to booking agents
- **staff.py** manage all the use cases relative to airline staff

- **/static**

- **/css**
  - **/style.css** to format the styles of all HTML files
- **/js**
  - **/login.js** is linked to and control the scripting of login.html
  - **/purchase.js** is linked to and control the scripting of purchaseTickets.html
  - **/register.js** is linked to and controls the scripting of register.html
  - **/script.js** is linked to and control the scripting of all the other HTML files

- **/templates**

**Public webpages:**

- **base.html**: the basic structure that all HTML files inherit from
- **index.html**: the public information page for searching flights and checking flight status
- **search.html**: the result page for searching flights
- **check.html**: the result page for checking the flight status
- **register.html**: the page for the customer, booking agents, and staff to register
- **login.html**: the page for the customer, booking agents and staff to log in

**Customer webpages**

- **customerHome.html**: the homepage for a customer

- **searchForFlights.html**: the page for search flights, shared by the customer and booking agents
- **comments.html**: the page for customers to view flights they can comment
- **giveComments.html**: the page for customers view and change comment on the flights
- **purchaseTickets.html**: the page for purchasing tickets, shared by the customer and booking agents
- **viewMyFlight.html**: the page for viewing tickets that we have already purchased, shared by the customer and booking agents
- **trackMySpending.html**: the page for customers to track their spending

### **Booking Agents webpages**

- **agentHome.html**: the homepage for an agent, showing the “welcome” message
- **commission.html**: the page for booking agents to view their commission
- **topCustomers.html**: the page for airline staff to view all top customers he/she helped purchase the tickets

### **Airline Staff webpages**

- **staffHome.html**: the homepage of the airline staff, showing the welcome message
- **flightManage.html**: the page for airline staff to search for flights, add new flights and also link to update flight status, view passengers and view ratings.
- **airplaneManage.html**: the page for airline staff to view and update all the airplanes the airline is managing
- **airSystemManage.html**: the page for airline staff to view and update all the airports in the system
- **report.html**: the result page for ratings, top booking agents, frequent customers, passengers flight history, total sales report and revenue comparison
- **updateFlight.html** : the result page for updating the flight status
- **viewPassengers.html** : the page for airline staff to view passengers of each flight