**CSCI-SHU 213 Databases (Fall 2020)**

**Final Project - File Listing**

***Below is a list of all the files in our project along with a brief description.***

**init.py**: the main driver python script for our airline ticket system. Its detailed functionality is explained in the “use\_case\_explanation” file.

**./templates:**

**agent\_customize\_commission.html:** The web page showing commission calculation results from agents specifying a time range.

**agent\_customize\_view.html:** The web page showing the history of agents purchasing flights for customers with specific information.

**agent\_flight\_search.html:** The web page giving agents the options to specify dates or airports etc information to search for flight.

**agent\_register.html :** The web page for agent registration.

**agent\_search\_result.html:** The web page for showing the flight research result triggered by agent\_flight\_search.html.

**agent\_select\_customer.html:** The web page showing the customer that the agent can purchase a ticket for him/her.

**agent\_top\_customer.html:** The web page showing the top customer statistics for this agent based on sold ticket num/commision earned.

**agent\_view\_commission.html:** The web page showing the commission, ticket sold average for this agent.

**agent\_view\_flight.html:** The web page showing the upcoming flights for agent-purchased and providing a window for customized flight research.

**customer\_flight\_search.html:** The web page showing the available upcoming flight search for customers.

**customer\_register.html:** The web page showing the registration page for a customer.

**customer\_search\_result:** The web page showing the search results of flight specified by a customer.

**customer\_spending.html:** The web page showing default spending records for this customer.

**customize\_spending\_failure.html:** The web page appears only if the customer enters erroneous search information for spending. This page shows a warning.

**customize\_spending.html:** The web page showing the customized spending plot and statistics for this customer.

**flight\_search.html:** The web page showing the general public flight search information before Sign in.

**flight\_status.html:** The web page showing the status checking for the general public without Sign in.

**home.html:** The web page showing the home page for a customer/agent/airline staff.

**index.html:** The web page of the very beginning opening the application.

**login.html:** The web page for choosing an identity(customer/staff/agent) and enter password to login.

**register.html:** The web page for a general public to choose an identity and proceed to its registration page.

**search\_result.html:** The web page showing the flight search result for general public search.

**staff\_add\_airplane\_confirmation.html:** The web page showing the success/failure of staff trying to add an airplane.

**staff\_add\_airplane.html :** The web page enabling an airline staff to add an airplane to this airline.

**staff\_add\_airport.htm:** The web page enabling an airline staff to add an airport associated with a city to this airline.

**staff\_change\_status.htnl:** The web page enabling an airline staff to change the status of a flight.

**staff\_create\_flight.html:** The web page enabling an airline staff to enter information and create an entire new flight.

**staff\_customize\_view\_reprot\_failure.html:** The web page appears only if the staff enters erroneous search information for report viewing. This page shows a warning.

**staff\_customize\_view\_report.html:** The web page showing the plots based on staff’s customized report view request.

**staff\_register.html:** The web page for a staff identity registration.

**staff\_revenus\_comparison.html:** The web page comparing the revenue earned for this airline monthly or enabling to enter a customized time range for further search.

**staff\_search\_result.html:** The web page showing the search result for staff query.

**staff\_top\_destination.html:** The web page showing the top destination for customers based on this airline’s flights.

**staff\_view\_agent.html:** The web page showing the top 5 agents for this airline based on ticket sold and commission.

**staff\_view\_customer\_flight\_result.html:** The web page showing the result for staff’s search of flight.

**staff\_view\_customer.html:** The web page showing the customer information for this flight.

**staff\_view\_flight.html:** The web page showing the staff’s airline flight and allowing for search information for customers.

**staff\_view\_freq\_customer.html:** The web page showing the most frequent few customers for this airline’s flight.

**staff\_view\_report.html:** The web page showing the plot result for this airline’ s performance in the past months.

**status\_result.html:** The web page showing the result of flight status check.

**./static:**

**nyush\_logo.jpg:** The logo for nyu shanghai, to be shown on the first page of our system.

**jiangyukun.png:** The pic of Yukun, to be shown on the first page of our system.

**wangzheng.png:** The pic of Zheng, to be shown on the first page of our system.

**title.png:** The fancy title, to be shown on the first page of our system.