

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/commission 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.html: 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.