

Files in the final project folder:

- ticket_ddl.sql: the sql commands to create all the entities, slightly different from the file we uploaded in project part 2.

- insert.sql: the same as we uploaded in project part 2.

- Static folder: to load all the static bar charts and pie charts, also store static javascript files.

- init.py: the main python flask file (all three types of users included in one python file)

- templates folder (47 html files in total):

- a) For all three types of users

1. index.html: the home page for all three types of users
2. login.html: the login page
3. register.html: the register page
4. flight_status.html: search status for specified flights
5. public_search_index.html: public flight search home page
6. public_search_result.html: display public single-trip flight search results
7. public_round_search_result.html: display public round-trip flight search results
8. purchase_index.html: ticket purchase home page
9. purchase_success_b.html: purchase success page for booking agents
10. purchase_success_c.html: purchase success page for customers
11. status_result.html: display results for public flight status search

- b) For booking agents

12. agent_round_search_result.html: display round-trip flight search results for agents
13. agent_search_index.html: flight search home page for agents
14. agent_search_result.html: display single-trip flight search results for agents
15. agent_view_commission_optional_result.html: display total commissions within specified dates
16. agent_view_commission.html: display total commissions
17. agent_view_customer_result.html: display results for the most frequent customer
18. agent_view_flight_optional_result.html: view booked flights within specified dates
19. agent_view_flight.html: view booked flights (default) for agents
20. booking_agent_home.html: home page for booking agents
21. booking_agent_register.html: register page for booking agents

- c) For customers

22. customer_home.html: home page for customers
23. customer_register.html: register page for customers
24. customer_round_search_result.html: display round-trip flight search results for customers
25. customer_search_index.html: flight search home page for customers
26. customer_search_result.html: display single-trip flight search results for customers

- 27. customer_view_flight.html: view booked flights (default) for agents
- 28. customer_view_spending_optional.html: view total spending within specified dates
- 29. customer_view_spending.html: view total spending
- 30. optional_customer_flight_search.html: search for flights with specified conditions

d) For staffs:

- 31. staff_add_airplane_confirmation_result.html: confirmation page when a new airplane added by staff
- 32. staff_add_airplane.html: staff to add new airplanes
- 33. staff_add_airport.html: staff to add new airports
- 34. staff_add_flight_default.html: display booked flights on the page of adding flights (default)
- 35. staff_add_flight.html: staff to add new flights
- 36. staff_home.html: home page for staffs
- 37. staff_register.html: register page for staffs
- 38. staff_update_status.html: staff to update existing flight status
- 39. staff_view_agent_result.html: display the result of top 5 booking agents
- 40. staff_view_agent.html: choose the method to view top 5 booking agents
- 41. staff_view_customer_result.html: display the result of the most frequent customer
- 42. staff_view_destination_result.html: display result for the top 5 destinations
- 43. staff_view_flight.html: view all upcoming flights
- 44. staff_view_reports_optional.html: view reports with specified dates
- 45. staff_view_reports_result.html: view reports
- 46. staff_view_revenue_result.html: display results of revenue comparison
- 47. optional_staff_flight_search.html: search for flights with specified conditions