CSCI-SHU 213 Databases (Spring 2025)
Final Project - File Listing

He Tu & Xiangjia Lei

Work Division

We divided the workload equally. Both team members are fully responsible for completing all the steps required by the designated functionality, including writing HTML and Python codes, executing MySQL queries, and connecting them using Flask. Please see below for a more detailed description of how the project was divided:

General Functionality

- View Public Info(flight and status) (He)

- index page (He)

- Register (He)

- Login (He)

- Logout (He)

Customer Use Cases

- View my flights (He)

- Purchase tickets (He)

- Search for flights (He)

- Track my spending (He)

Booking Agent Use Cases

- View my flights (Xiangjia)

- Purchase tickets (Xiangjia)

- Search for flights (Xiangjia)

- View my commission (Xiangjia)

- View top customers (Xiangjia)

Airline Staff Use Cases

- View my flights (He)

- Create new flights (Xiangjia)

- Change status of flights (He)

- Add airplane in the system (Xiangjia)

- Add new airport in the system (Xiangjia)

- View all the booking agents (He & Xiangjia)

- View frequent customers (He)

- View reports (He)

- Comparison of revenue earned (He)

- View top destinations (He)

- Grant Permission (Xiangjia)

- Add Booking Agent (Xiangjia)