

Files:

App.py

Contains all the routes for each link in the web application, and the backend code to run each function that calls the SQL queries.

Init.py

Contains the initial python SQL calls to create the database and the tables, and the columns inside them.

Static/styles.css

Contains CSS for the project.

Templates/addAirport.html

Contains the HTML form to add an airport to the database.

Templates/addPlane.html

Contains the HTML form to add a plane to the database.

Templates/changeStatus.html

Contains the HTML form to allow an airline staff to change the status of a flight.

Templates/createFlight.html

Contains the HTML form to allow an airline staff to create a new flight in the database.

Templates/customerHome.html

The homepage of the customer after they log in, with links to all the various pages that customers can access, and a logout button.

Templates/index.html

The index / starting page of the application, with links to login and signup, and a link to search for flights.

Templates/login.html

The page with the login form for the application.

Templates/purchaseTicket.html

The page with the HTML form to allow a customer to purchase a ticket.

Templates/rateFlight.html

The page with the HTML form to allow a customer to rate a flight they went on.

Templates/register.html

The page with links to registration forms for both customers and airline staff.

Templates/registerCustomer.html

The page with the form to register as a customer in the database.

Templates/registerStaff.html

The page with the form to register as staff in the database.

Templates/search.html

The page to allow visitors /staff/customers to search for flights.

Templates/staffHome.html

The page with the links to all the various pages airline staff have access to.

Templates/topDestinations.html

The HTML page to display the data from the top destinations over the past three weeks and the past year.

Templates/totalRevenue.html

The HTML page to display the total revenue over the last month and the last year.

Templates/userSpending.html

The HTML page with Javascript and data from the backend to show user spending, with a form to specify the range to view over, and a bar graph to visualize the data.

Templates/viewFlights.html

The HTML page allowing customers, staff, and visitors to view flights by searching.

Templates/viewFrequent.html

The HTML page to show the most frequent fliers to airline staff, and search a customer's flights.

Templates/viewRatings.html

The HTML page to show the ratings for a specific flight to an airline staff given the flight ID.

Templates/viewReports.html

The HTML page to show ticket sales, with a form to limit starting and ending date, and a graph to visualize the ticket sales.