

About each of the files:

add_airplane.html

- This is the page where staff members can add a new airplane to the database. It collects information such as the airplane's model, capacity, and other necessary details and they can only add airplanes into the inventory of their own airline.

add_airport.html

- This is the page where staff members can add a new airport to the database. It collects information such as the airport's name, location, and other necessary details required and stores it into the database.

cancel.html

- This is the page where customers can cancel flights they have purchased. They can click a button next to the details of the flight they have previously purchases and they would be able to cancel their flights

change_status.html

- This is the page where staff members can change the status of a flight. It provides a form to select the flight and update its status, such as "On Time", "Delayed", or "Canceled".

checkout.html

- This is the page where customers can review and confirm their ticket purchase before making the payment. It displays the details of the selected flight and allows customers to proceed with the payment by entering their payment details.

create_flight.html

- This is the page where staff members can create a new flight. It collects information such as the departure and arrival airports, date, time, and other necessary details. Only can be done for the airline they work for.

customer_home.html

- This is the homepage for logged-in customers. It provides links to different sections of the website, such as booking flights, managing their account, and viewing their purchase history and checking their spending.

customer_login.html

- This is the page where customers can log in to the server so they would be able to perform actions such as booking flights or managing their account along with all other functions available to customers.

customer_rating.html

- This is the page where customers are able to give a rating and comment on their past flights they have taken.

customer_register.html

- This is the page where new customers can register for an account. It collects information such as username, password, and other necessary details and stores it into the database.

index.html

- This is the homepage for our website. It includes buttons to redirect users to different sections of the website or perform specific functionalities based on if they are a customer or a staff

revenue.html

- This is the page where staff can view the total revenue the airline has generated from ticket sales over a set duration of time.

schedule_maintenance.html

- This is the page where staff members can schedule maintenance for an airplane. It provides a form to select the airplane and specify the maintenance date and details.

spending.html

- This is the page where customers can view their total spending on flights over a selected duration. If not the default is 6 months and 1 year

staff_home.html

- This is the homepage for logged-in staff members. It provides links to different staff-specific functionalities, such as managing flights, airports, and maintenance schedules.

staff_login.html

- This is the page where staff members can log in to the server and access their staff-specific functionalities.

staff_register.html

- This is the page where staff members can register for an account. It collects information such as username, password, and other necessary details and stores it into the database.

view_airplanes.html

- This is the page where staff members can view the list of airplanes in the database. It displays information such as the airplane's model, capacity, and current status.

view_airports.html

- This is the page where staff can view the list of airports available and in the database that airlines can fly to. It displays information such as airport code, city, country, number of terminals etc.

view_customers.html

- This is the page where staff members can view the list of customers in the database. It displays information such as the customer's name, email, and other details.

view_flight_rating.html

- This is the page where staff can view the ratings of flights in the past. They will only be able to see the ratings of flights flown by the airline they work for.

view_flights_customer.html

- This is the page where customers can view their upcoming and past flights. It displays information such as the flight number, departure and arrival airports, date, and status.

view_flights_staff.html

- This is the page where staff members can view the list of flights in the database. It displays information such as the flight number, departure and arrival airports, date, and status.

view_maintenance.html

- This is the page where staff members can view the maintenance schedule for airplanes. It displays information such as the airplane's registration number, maintenance date, and details.

view_purchases.html

- This is the page where customers can view their purchase history. It displays information such as the flight number, departure and arrival airports, date, and ticket price.

app.py

- This is where all the routes are, as well as any code related to making sure the functionality of the buttons works, rerouting the pages to the right html and where the queries to the databases are.