application.py

script for running the Flask web application and generate the graphs

add\_airplane.html

generates a form to take inputs for the airplane id and number of seats to pass into application.py

add\_airport.html

generates a form to take inputs for the airport name and city to pass into application.py

airline\_staff\_home.html

generates the homepage for airline staff with buttons to perform airline staff functions in accordance with their permission value

base.html

base formatting file that is extended by all files to include formatting and the navigation bar

booking\_agent\_home.html

generates the homepage for booking agents with buttons to perform booking agent functions

booking\_agent\_purchasing.html

generates the purchasing form for flights as a booking agent for customers

booking\_agent\_viewcommission.html

generates a page for agents to view a table with how many tickets they sold per month with a bar graph with equal data. adjustable to change the time frame

booking\_agent\_viewtopcustomers.html

generates a page for agents to view tables with how many tickets customers have bought and how much money they have spent, with bar graphs for each

change\_status.html

generates a page for airline staff to enter a flight number and change that flight’s status

compare\_revenue\_earned.html

generates a page for airline staff to compare the revenue the airline has generated by booking agents and by customers with a pie chart to represent this data

create\_flight.html

generates a form for airline staff to add a flight to their airline

customer\_home.html

generates the homepage for customers with buttons to perform customer functions

customer\_purchasetickets.html

generates a hub page for customers or booking staff to purchase tickets, redirects to customer\_ticketpurchased or booking\_agent\_purchasing

customer\_searchforflights.html

generates a page that allows flights to be viewed when logged in. as a customer or booking agent, you can purchase tickets with upcoming value. as a staff you can change the flight status of flights belonging to your airline

customer\_ticketspurchased.html

generates the successful purchase page for purchasing a ticket. return button varies based on the login status of the current session

customer\_trackmyspending.html

generates a page for customers to view their own spending by month with a bar graph representing this data. data adjustable by month

customer\_viewmyflights.html

generates a page to view previously purchased flights for customers and booking agents on a table. for agents it generates flights provided by the airline

get\_duration.html

generates a form to set a certain time frame for various table data

grant\_new\_permissions.html

generates a form to change the permissions of airline staff within the airline

index.html

generates the homepage for the website

login\_agent.html

generates a form to login a user as a booking agent

login\_customer.html

generates a form to login a user as a customer

login\_staff.html

generates a form to login a user as an airline staff

login.html

generates a login dropdown selection

navbar.html

generates a navigation bar with buttons same as the homepage for quick access from any page

purchase\_info.html

generates a form to set the criteria for searching purchased flights by airport or status

register\_agent.html

generates a form to register a user as a booking agent

register\_customer.html

generates a form to register a user as a customer

register\_staff.html

generates a form to register a user as an airline staff

register.html

generates a register dropdown selection

register\_success.html

generates a page after successful registration

search\_info.html

generates a form to set the criteria for searching flights by airport or status

view\_agents.html

generates a view for airline staff of available booking agents to add or generates a view of currently signed booking agents with a view of their sales

view\_customers.html

generates a view of customers and how many times they have flown on a flight with the airline

view\_destinations.html

generates a view of the destinations provided by the flight and ranks them by most flown to

view\_reports.html

generates a view of how many tickets the airline has sold per month with a bar graph of the data