Project Phase III Document

Alex Chikerenda, Braeden Olney, Shelby Jorgenson

ABS Airline

Our app is a tool for customers and administrators that is called ABS Airline. We created an amazing tool for the airline to manage customers, edit database entries, and view customer information. When using the ABS Airline app, the customer has the opportunity to purchase a flight ticket, choose which class they can buy, and cancel tickets when they choose to. The administrator and customer have logins that will take them to different screens. The administrator will be able to go into their dashboard and look at the customer information. Administrators can also edit the customer data and add or delete new customers. The customer will be able to look at available flights, purchase a flight, choose their flight seats. ABS Airline is proud to provide an app with an all-in-one experience to customers and administrators. Below are the screenshots of the working app.

**Technical Details:**

The homepage opens to the login page. On the login page, the user can select to log in as a Customer or an Administrator. This allows for dual usability of the same app and doesn’t require separate downloads for the Customer and Administrator. If a user wants to log in as a Customer then they can do so by entering their username and password in the Customer login area. There is a login button to press if they choose to do so. If the user gives invalid credentials, then an error message appears. If the user gives valid credentials then a login success message appears. The same process is repeated for the administrator, the login is the same but of course, the credentials have to match that of an administrator. Once a customer is logged in they will be directed to the customer page. In the customer page the customer will have the ability to view the user flights and book flights as needed. The book flight function allows the customer to book a flight to their chosen destination and dates they want to fly. The update button will update the chosen date and destination. There will also be an area to project the available flights, after choosing to find flights. The find flights button allows you to see the possible flights ABS Airlines offers to customers. Manage flights is a function restricted to the Administrator which allows them to cancel customer flights by using the customer name, location, and date; there is a button for this function. There is a feature for the Administrator to update the class of a flight for a customer using their name and the update button. The administrator can also add a flight using the date and location to update the table of flights.

**Login Credentials:**

Customer

Username: [user@email.com](mailto:user@email.com)

Password: password

Administrator

Username: [admin@absairline.com](mailto:admin@absairline.com)

Password: admin

Screenshots 1)

Before login:

A picture containing text, screenshot, font, design

Description automatically generated

After login:

A picture containing text, screenshot, font, operating system

Description automatically generated

2) Customer booking a flight:

A screenshot of a flight

Description automatically generated with low confidence

Customer viewing all their booked flights:

A screenshot of a computer

Description automatically generated with medium confidence

3) Before login:

A picture containing text, screenshot, font, electric blue

Description automatically generated

After login:

A picture containing text, screenshot, font, operating system

Description automatically generated

4) Before admin update of record:

A screen shot of a computer

Description automatically generated with medium confidence

After admin update of record:

A screen shot of a computer

Description automatically generated with medium confidence

After admin removal of record:

A screen shot of a computer

Description automatically generated with medium confidence

5)

A screen shot of a computer

Description automatically generated with low confidence

6)



After 1st update:

A screenshot of a flight

Description automatically generated with low confidence

A screen shot of a computer

Description automatically generated with low confidence

After 5 updates to user\_flights table:

A screen shot of a computer

Description automatically generated with medium confidence