Driver

- get client.
- get flight information.
- get itineraries both sorted and unsorted.
- upload client information and flight information.

- FileManager
- FlightManager
- UserManager
- Client
- Flight
- Itinerary

Flight

- Stores Flight information

- FlightManager
- Itinerary

Itinerary

- Stores Itinerary information

- FlightManager
- Flight

BillingInformation

- stores billing information of a client

- UserManager
- Client

PersonalInformation

• stores personal information of a client	• UserManager • Client

FileManager

• Creates a client list and flight list • Reads from file and converts it to strings.	• FlightManager • UserManager • Flight • Client

UserManager

• reads the file and creates an user	• FileManager • Client

FlightManager

• reads a file and creates a flight.	• Flight • Itinerary • FileManager

Abstract

User

Client, Administrator

• Stores Usernames and passwords of clients.	• UserManager

Client

User

- Stores billing information, personal information and booked itineraries of a client.

- UserManager
- BillingInformation
- PersonalInformation
- Itinerary

Administrator

user

- Updates Client information, flight information.
- creates an itinerary for the client.

- client
- flight
- itinerary

LoginActiviy

- Allows the user to login to their account.
- Allows new users to register.

- UserManager

WelcomeActivity

- allows the client to check their profile page.
- allows the client to search for a flight.
- allows the client to search Itineraries and book an itinerary.
- allows the client to view their booked itineraries.

- ProfileActivity
- FlightSearchAdapter
- SearchItinerariesActivity
- BookedItinerariesAdapter

ProfileActivity

- Shows the personal information and the billing information of the client.

- Client
- PersonalInformation
- BillingInformation
- EditAddressActivity
- EditBillingActivity
- EditNameActivity

EditAddressActivity

- edits the clients address

- client
- PersonalInformation

EditNameActivity

- allows the client to edit their name.

- Client
- PersonalInformation

EditBillingActivity

- allows client to edit their billing information

- Client
- BillingInformation

AdminRegistrationActivity

• allows users to register as an administrator using their default admin code	• Administrator

AdminWelcomeActivity

• Allows administrators's to edit client information • Allows administrators's to update flight information • Allows administrators's to book an itinerary for clients	• Clients • PersonalInformation • BillingInformation • Flight • Itinerary • SearchClientActivity • SearchClientToBookActivity • SearchFlightActivity.

BookedItinerariesAdapter

• users can book itineraries	• Client • Administrator • Itinerary

FlightProfileActivity

• shows the user the flight information of the selected flight	• Flight

EditFlightInfoActivity

- allows the administrator to edit the flight information. | - Flight

FlightsAdapter

- Takes in the information of the flight | - Flight

FlightSearchResultActivity

- displays the search result of the flight by the user | - Flight
- FlightsSearchAdapter

FlightsSearchAdapter

- allows the users to input the information of the flight they are searching for. | - Flight

ItinerariesAdapter

| Populate data in the ListView of ItinerarySearchResultActivity | ItinerarySearchResultActivity Itinerary Flight |

ItineraryDetailsActivity	
• Displays the flights in the selected itinerary to the user	• Itinerary • Flight.

ItinerarySearchResultActivity	
• Displays the results of the search for itineraries by the user	• Itineraries

RegisterStep1Activity	
• allows the user to register as administrator or a client	• Client • administrator.

RegistrationStep2Activity	
• allows clients to register by inputting their personal and billing information	• Client • PersonalInformation • BillingInformation

SearchClientActivity	
• Allows the administrator to search for clients.	• Client • UserManager

SearchClientToBookActivity	
• allows the administrator to search for a client in order to book an itinerary for the client.	• Client • UserManager

SearchFlightActivity	
• allows the user to search for flight	• Flight • FlightManager

UploadActivity	
Uploads the specified csv file to the system. Adds a flight into the system	Flight FlightManager FileManager

ViewBookedItinerariesActivity	
• displays a list of booked Itineraries to the client	• Itinerary