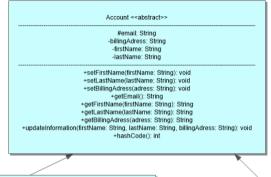
package user



#### Administrator

+Administrator(email: String, billingAdress; String, firstName; String, lastName; String)

+updateClientEmail(client: Client, email: String); void +updateClientPersonalInformation(client: Client, firstName: String, lastName: String, billingAdress: String); void +viewClientS(); ArrayList<Client>

> +selectClient(): Client +addFlight(flight: Flight): void +uploadFlights(path: String): void +hashCode(): int

#### Client

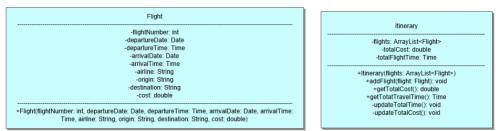
-bookedTrips: ArrayList<Itenary>

+Client(email: String, billingAdress: String, firstName: String, lastName: String)

+hashCode(): int +getFlightTrips(String: origin, String: destination,Date: departureDate,Time: departureTime): ArravList<|ternar∨>

+selectItenerary(): Itinerary +bookTrip(): void

+bookTrip(): void +viewBookedTrips(): ArrayList<Itenary>



### package Databases

### FlightDatabase

# -listOfFlights: ArrayList<Flight>

+FlightDatabase(path: String) +addFlight(flight: Flight): void

+bookItenerary(client: Client, itinerary: Itinerary): void +updateDatabaseOfftenaries(): void

+getListOfiterneraries(): ArrayList<iternrary>
+queryItenerary(departureDate: Date, origin: String, destination: String, boolean: sortByTime, boolean: sortByCost): ArrayList<itinerary>

## ClientDatabase

-listOfClients: ArravList<Client>

+ClientDatabase()
+addClient(Client): void
+updateClientDatabase(): void
+QueryClient(email: String): Client

AdministratorDatabase

-listOfAdmins; ArrayList<Administrator>

+AdministratorDatabase() +addAdmin(Administrator): void

+updateAdminDatabase(): void +QueryAdmin(email; String); Administrator