BASIC REQUIREMENTS
1. Search flights from source to destination on a given date
2. User account creation
3. user can book a flight , can be multi booking
   a. user can add extra baggage or meal or both
4. cancel or reschedule flight
5. check available seats, select free or paid seats
6. Admin can add or delete:
   a. [new] flights
   b. schedules
   c. airports
   d. ban a customer for security reasons
7. assignment of flight crew and plot should be handled by admin
8. Payment handling nad options
9. Notifications to customers who have booked tickets from 3 days to journey

Actors:
1. Admin: for creating or updating stuff
2. users : to to book or cancel tickets
3. System : sending out notifications

Expected classes

MEAL_TYPE
veg_normal
veg_premium
nonveg
not_included (default)

BAGGAGE_TYPE
normal , 15kg, 0rs
extra , 20kg , 1000rs
xl , 25, 2000
xxl , 30, 3000

FLIGHT_STATUS
Arrived
departed
cancelled
in_air

SEAT_STATUS
Booked
Vacant
Checked_in

SEAT_TYPE
Economy
Emergency
Business
Crew

Account_STATUS
Active
Inactive
Blocked

NOTIFICATION
Email
Message
Whatapp
Push

FLIGHT
Id: UUID
Form: String
to: String
Airport : UUID
Status: FLIGHT_STATUS

Flight_Instance
Flight : UUID
Schedule
List<Seat>
Crew

SCHEDULE
Departure: DateTime
Arrival: DateTime
FromCity: String
ToCity: String

User
Name, ID, phone

CREW
Pilot: PilotUuid
List<CrewUuid>

PILOT extends User

CREW extends User

ADMIN extends User

addAircraft()
addAirport()
modifySchedule()

SEAT
FlightId: UUID
To: String
from: String
BAGGAGE_TYPE
MEAL_TYPE

SEAT_INSTANCE
Customerid: UUID
SEAT

NOTIFICATIONS