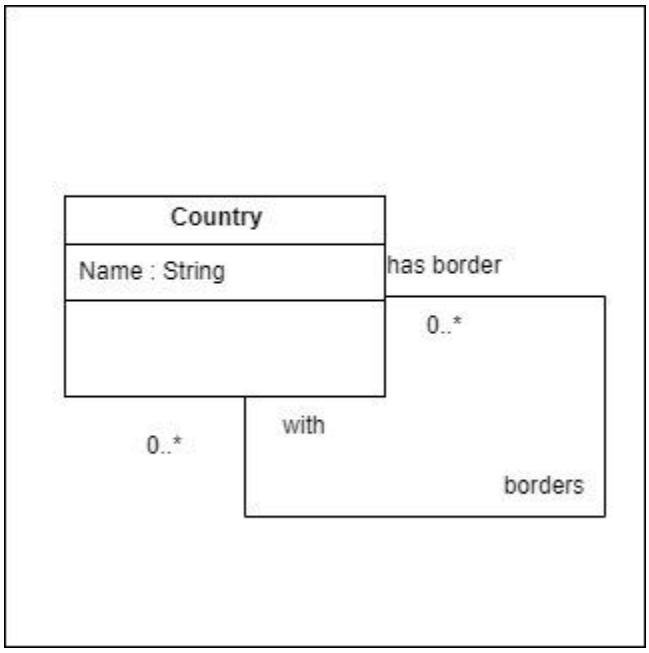
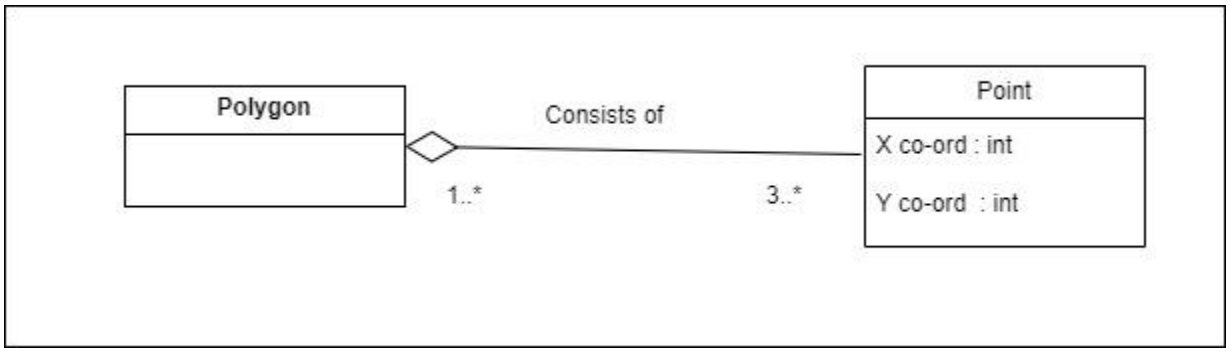
IT314 : SOFTWARE ENGINEERING
LAB 4

Name : Vidhi Dhanani
ID : 202201076

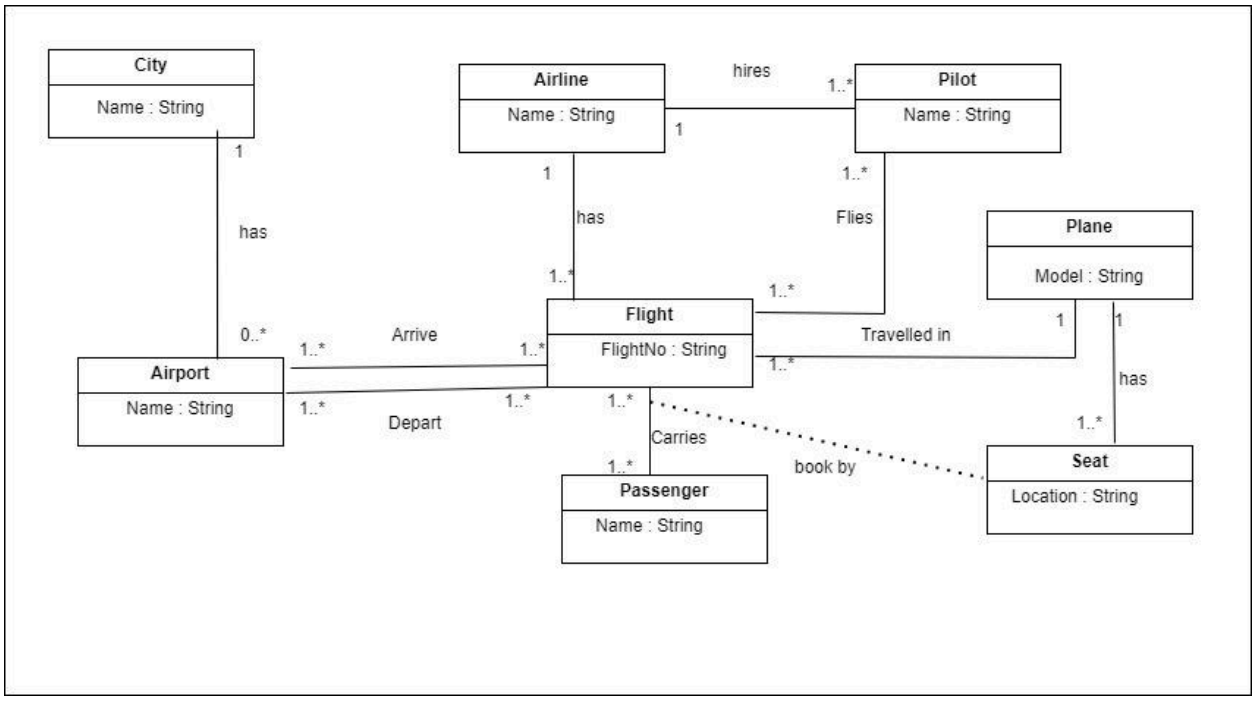
Q1)



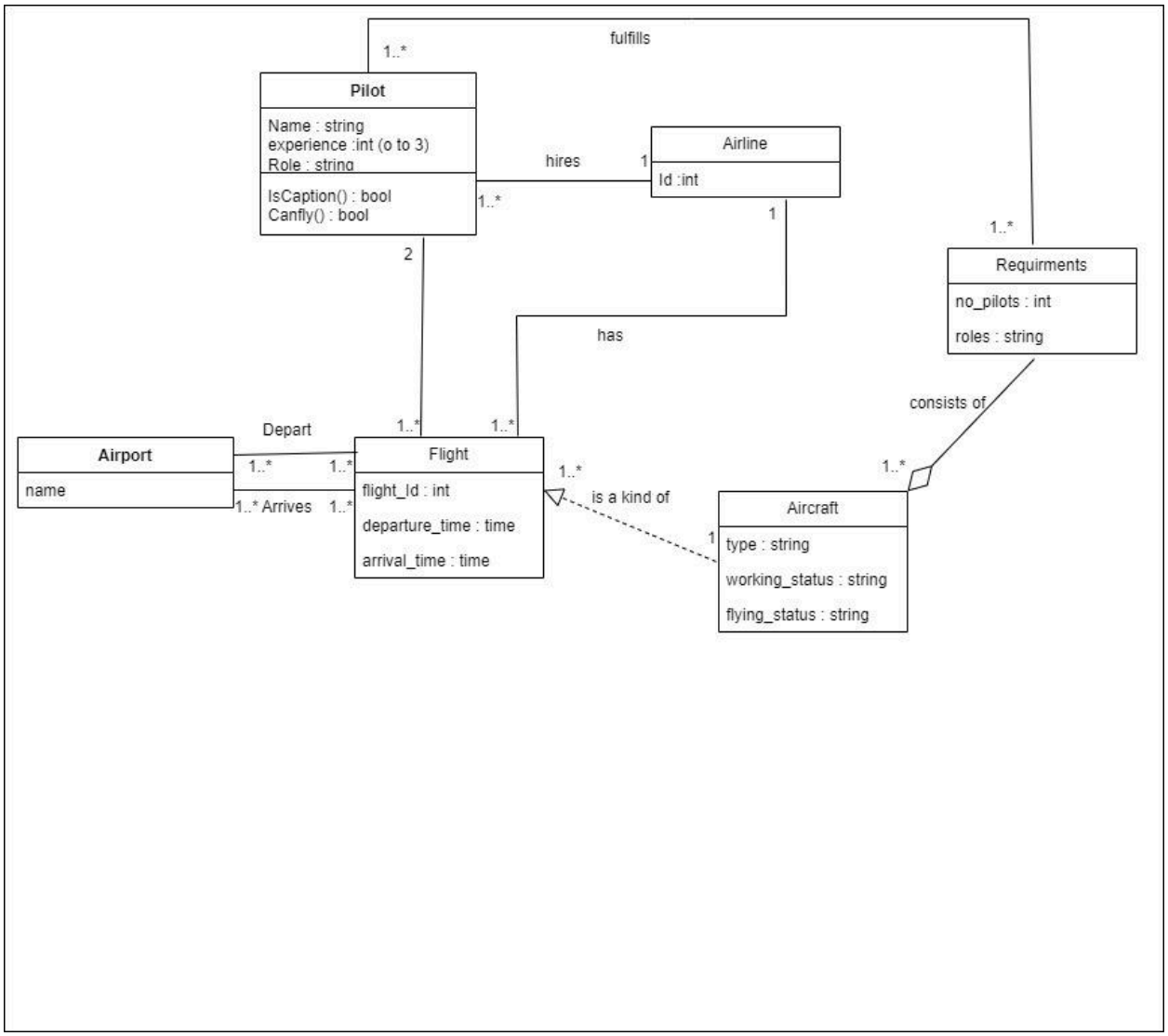
Q2)



Q3)


City
Name : String
Airline
Name : String
hires
1..*
1
Pilot
Name : String
1
1..*
has
has
Flies
Plane
Model : String
1..*
1..*
Flight
FlightNo : String
0..*
1..*
Arrive
1..*
Travelled in
1
1
1..*
Airport
Name : String
1..*
1..*
1..*
Depart
has
1..*
Carries
1..*
book by
Seat
Location : String
Passenger
Name : String

Q4)


fulfills
1..*
Pilot
Name : string
experience :int (o to 3)
Role : string
IsCaption() : bool
Canfly() : bool
hires
1
Airline
Id :int
1..*
1
1..*
Requirments
no_pilots : int
roles : string
2
has
consists of
Depart
1..*
1..*
Airport
name
1..*
1..*
1..* Arrives
1..*
Flight
flight_Id : int
departure_time : time
arrival_time : time
1..*
is a kind of
1..*
Aircraft
1
type : string
working_status : string
flying_status : string