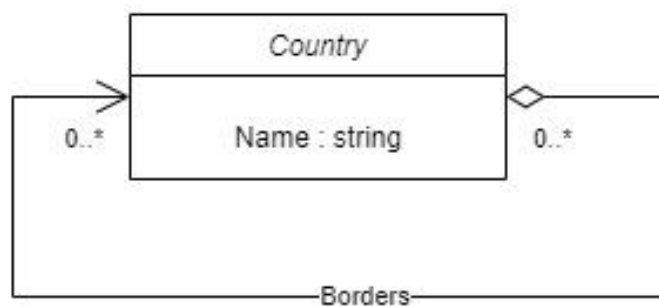# Software Engineering

LAB – 4

Student ID : 202201175

Que 1 :
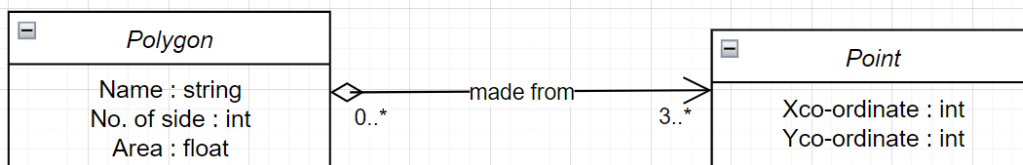

Id : 202201175
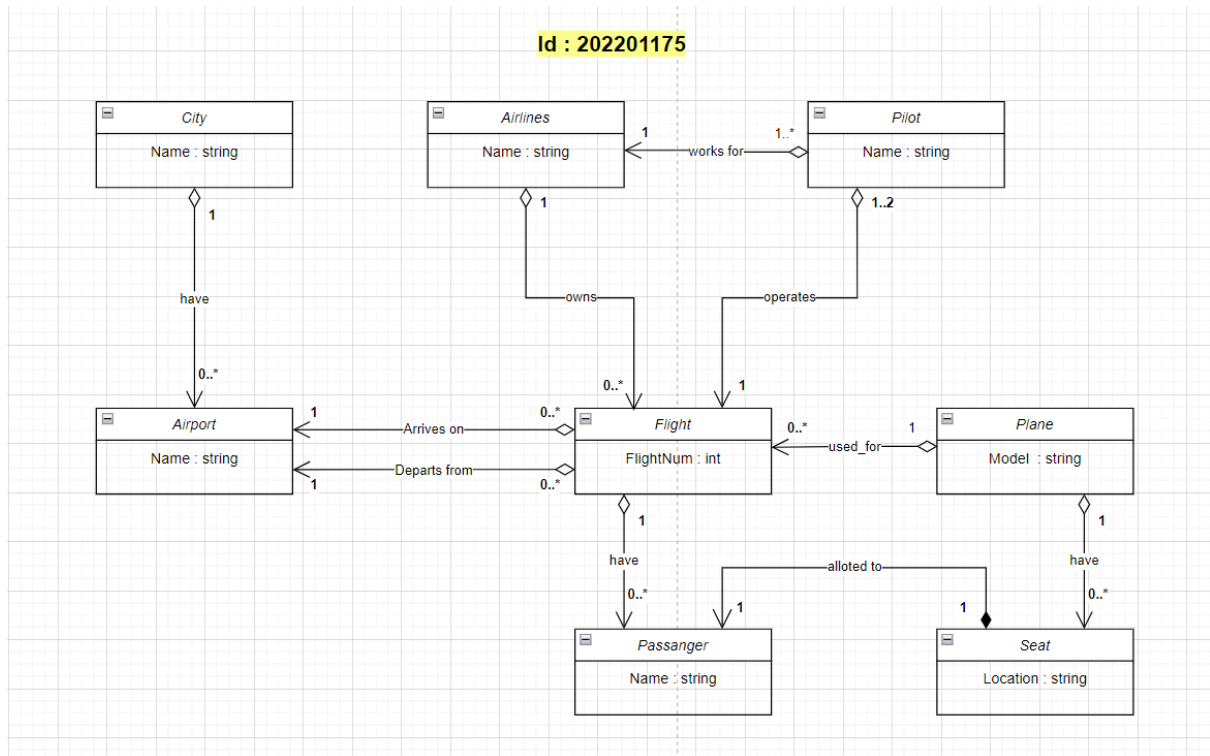
Que 2 :

- Minimum required points for the polygon are **3**.

Id : 202201175

Que 3 :

Id : 202201175

City — Name : string

Airlines — Name : string

Pilot — Name : string

works for — 1..* / 1

1..2

have — 1 / 0..*

owns

operates

Airport — Name : string

Flight — FlightNum : int

Plane — Model : string

Arrives on — 1 / 0..*

Departs from — 1 / 0..*

used_for — 0..* / 1

have — 1 / 0..*

alloted to

have — 1 / 0..*

Passanger — Name : string

Seat — Location : string

Que 4 :

Id : 202201175

Airlines — Name : string, Id : string

Pilot — Name : string, ExperienceLevel : int (1to3), Designation : string

works for — 2..* / 1

2..3

Aircraft — ID : string, Status : string, UsedFor : string, Type : string

owns — 1..* / 1

operates

operates — 1

is of — 1 / 1

used_for — 0..*

Flight — FlightId : string, ArrivalAirport : string, DepartureAirport : string, ArrivalTime : date, DepartTime : date

Airport — Airport_Id : string

Departs from — 0..* / 1

Arrives on — 0..* / 1

Aircraft_Type — Type : string, RequiredPilot : int