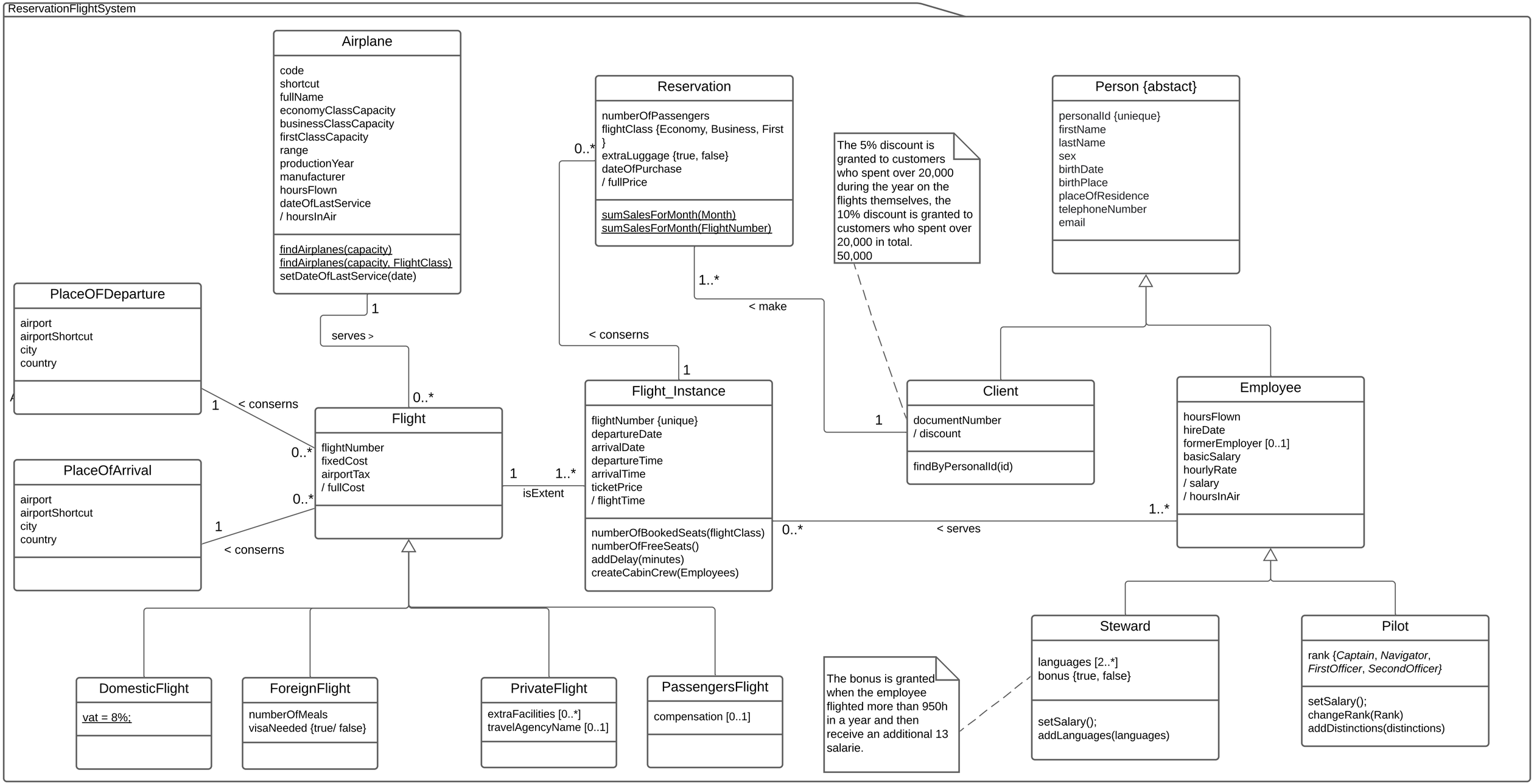
ReservationFlightSystem
Airplane
code
shortcut
fullName
economyClassCapacity
businessClassCapacity
firstClassCapacity
range
productionYear
manufacturer
hoursFlown
dateOfLastService
/ hoursInAir
findAirplanes(capacity)
findAirplanes(capacity, FlightClass)
setDateOfLastService(date)
Reservation
numberOfPassengers
flightClass {Economy, Business, First }
extraLuggage {true, false}
dateOfPurchase
/ fullPrice
sumSalesForMonth(Month)
sumSalesForMonth(FlightNumber)
Person {abstact}
personalId {unieque}
firstName
lastName
sex
birthDate
birthPlace
placeOfResidence
telephoneNumber
email
The 5% discount is granted to customers who spent over 20,000 during the year on the flights themselves, the 10% discount is granted to customers who spent over 20,000 in total.
50,000
PlaceOFDeparture
airport
airportShortcut
city
country
PlaceOfArrival
airport
airportShortcut
city
country
Flight
flightNumber
fixedCost
airportTax
/ fullCost
Flight_Instance
flightNumber {unique}
departureDate
arrivalDate
departureTime
arrivalTime
ticketPrice
/ flightTime
numberOfBookedSeats(flightClass)
numberOfFreeSeats()
addDelay(minutes)
createCabinCrew(Employees)
Client
documentNumber
/ discount
findByPersonalId(id)
Employee
hoursFlown
hireDate
former Employer [0..1]
basicSalary
hourlyRate
/ salary
/ hoursInAir
DomesticFlight
vat = 8%;
ForeignFlight
numberOfMeals
visaNeeded {true/ false}
PrivateFlight
extraFacilities [0..*]
travelAgencyName [0..1]
PassengersFlight
compensation [0..1]
The bonus is granted when the employee flighted more than 950h in a year and then receive an additional 13 salarie.
Steward
languages [2..*]
bonus {true, false}
setSalary();
addLanguages(languages)
Pilot
rank {Captain, Navigator, FirstOfficer, SecondOfficer}
setSalary();
changeRank(Rank)
addDistinctions(distinctions)
1
serves >
0..*
1
< conserns
0..*
0..*
1
< conserns
1
1..*
isExtent
0..*
< conserns
1
1..*
< make
1
0..*
< serves
1..*