classes

Customer: fn, ln, cell phone number, gender, date of birth

Service: service name, service price, mechanic name, date, number of services

Vehicle: type, color, ID, year of vehicle, make

Car: doors, type, color, ID, year of vehicle, make

Price : taxes, total, discount, final amount, service price

| Customer |
| --- |
| -firstName: String |
| -lastName: String |
| -cellPhoneNumber: String |
| -gender: ENUM |
| -dateOfBirth: Date |
| +setFirstName(firstName:String) |
| +getFirstName():String |
| +setLastName(lastName:String) |
| +getLastName():String |
| +setCellPhoneNumber(cellPhoneNumber: String) |
| +getCellPhoneNumber():String |
| +setGender(gender:Gender) |
| +getGender():ENUM |
| +setDateOfBirth(dateOfBirth: Date) |
| +getDateOfBirth():Date |

Service: service name, service price, mechanic name, date, number of services

| Service |
| --- |
| -serviceName: String |

```
┌─────────────────────────────────────────────┐
│ -servicePrice: Float                        │
│                                             │
│ -mechanicName: String                       │
│ -dateOfService: Date                        │
│ -numberOfServices: Integer                  │
├─────────────────────────────────────────────┤
│ +setServiceName(serviceName: String)        │
│                                             │
│ +getServiceName():String                    │
│                                             │
│ +setServicePrice(servicePrice: Float)       │
│                                             │
│ +getServicePrice():Float                    │
│                                             │
│ +setMechanicName(mechanicName: String)      │
│                                             │
│ +getMechanicName():String                   │
│                                             │
│ +setDateOfService(dateOfService: Date)      │
│                                             │
│ +getDateOfService():Data                    │
│                                             │
│ +setNumberOfServices(numberOfServices: Integer) │
│                                             │
│ +getNumberOfServices():Integer              │
└─────────────────────────────────────────────┘
```

Vehicle: type, color, ID, year of vehicle, make

```
┌─────────────────────────────────────────────┐
│ Vehicle                                     │
├─────────────────────────────────────────────┤
│ -type: ENUM                                 │
│                                             │
│ -color: ENUM                                │
│                                             │
│ -id: String                                 │
│                                             │
│ -yearOfVehicle: Integer                     │
│                                             │
│ -make: ENUM                                 │
├─────────────────────────────────────────────┤
│ +setType(type: ENUM)                        │
│                                             │
│ +getType():ENUM                             │
│                                             │
│ +setColor(color: ENUM)                      │
│                                             │
│ +getColor():ENUM                            │
│                                             │
│ +setID(id: String)                          │
│                                             │
│ +getID():String                             │
│                                             │
│ +setYearOfVehicle(yearOfVehicle: Integer)   │
└─────────────────────────────────────────────┘
```

| Vehicle |
| --- |
| +getYearOfVehicle():Integer |
| +setMake(make: ENUM)<br>+getMake():ENUM |

Car: doors, type, color, ID, year of vehicle, make

| Vehicle |
| --- |
| -type: ENUM |
| -color: ENUM |
| -id: String |
| -yearOfVehicle: Integer |
| -make: ENUM |
| -doors: Integer |
| +setType(type: ENUM) |
| +getType():ENUM |
| +setColor(color: ENUM) |
| +getColor():ENUM |
| +setID(id: String) |
| +getID():String |
| +setYearOfVehicle(yearOfVehicle: Integer) |
| +getYearOfVehicle():Integer |
| +setMake(make: ENUM) |
| +getMake():ENUM |
| +setDoors(doors: Integer) |
| +getDoors():Integer |

Price : taxes, total, discount, final amount, service price

| Price |
| --- |
| -taxes: Float |

-total: Float

-discount: Float
-finalAmount: Float

-servicePrice: Float

---

+setTaxes(taxes: Float)

+getTaxes():Float

+setTotal(total: Float)

+getTotal():Float

+setDiscount(discount: Float)

+getDiscount():Float

+setFinalAmount(finalAmount: Float)

+getFinalAmount():Float

+setServicePrice(servicePrice: Float)

+getServicePrice():Float

Check tables for use cases