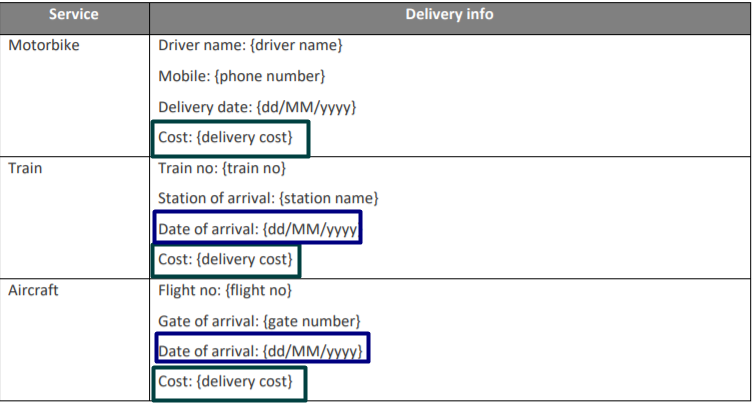
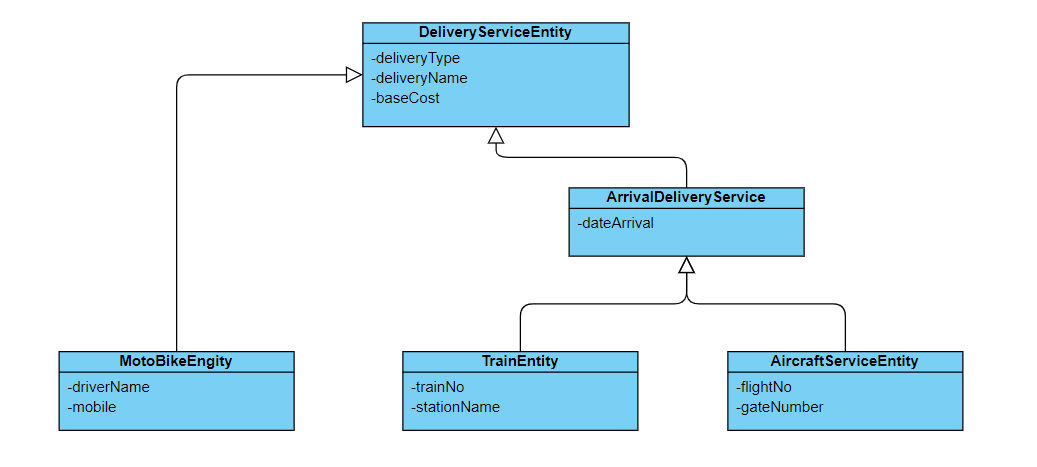
1. Entity Design

* From the table requirement



* Design for Class: Class Diagram



With:

* deliveryType: is type of delivery service, values are: [1, 2, 3]
* deliveryName: is name of delivery service, values are: [Motobike, Train, Aircraft]
* baseCost: is common attribute

Reasons:

* Each class [MotobikeEntity, TrainEntity, AircraftServiceEntity] will reuse the code of its parent class and responsibility to work with database as a model.
* No redundant or duplicate code
* Separate to three class to loosely coupling. If in future there are more delivery service just add more class by extends from existed classes.