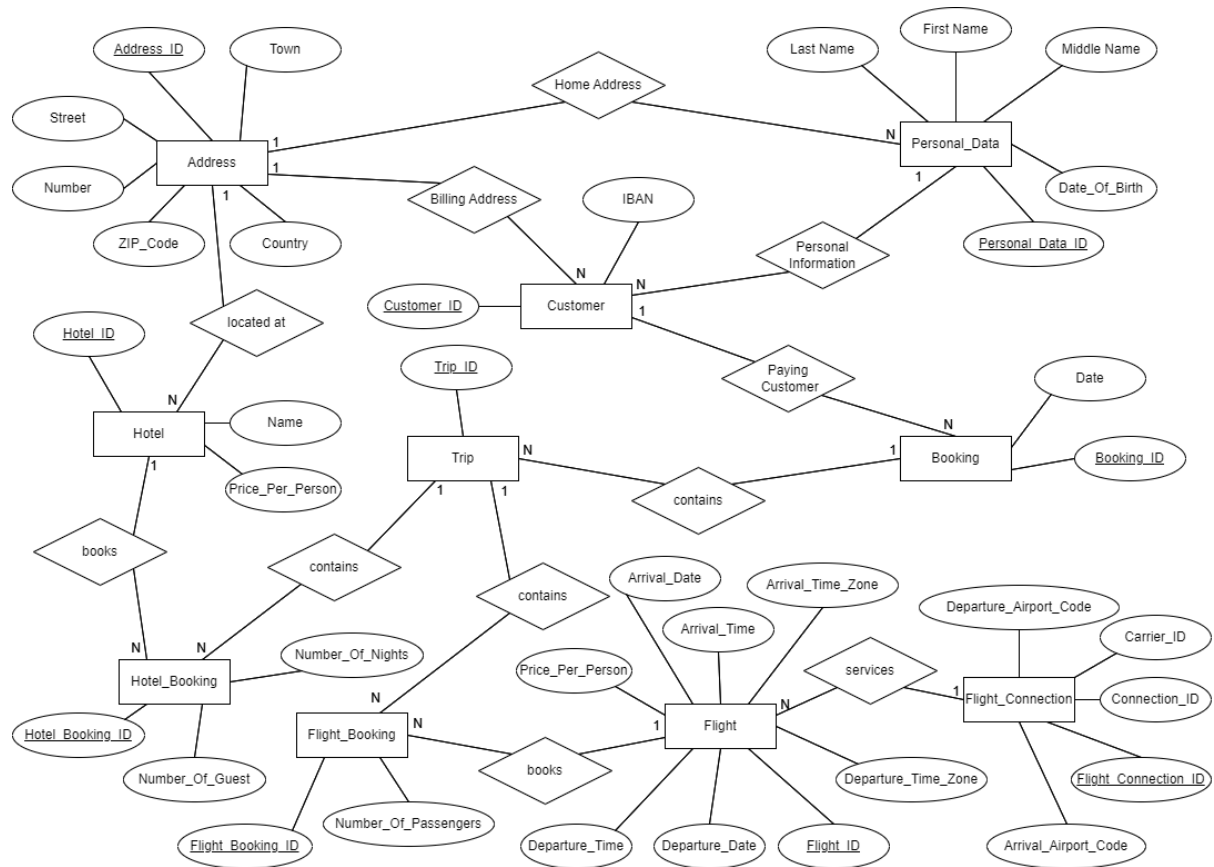


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1 Entities – Entity Relationship Diagram

This UML-Entity-Relationship-Diagram models the underlying database scheme for this service.



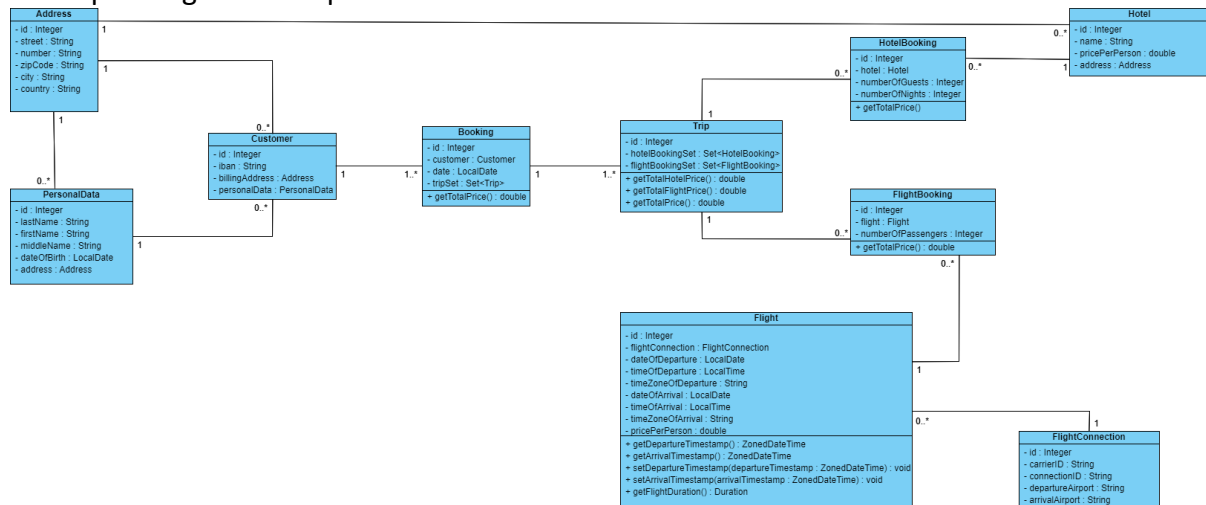
2 Entities – Class Diagram

This UML-Class-Diagram shows the underlying database scheme for this service.

For each private attribute there is a *getter* and a *setter* method which is not modelled for simplicity reasons. In case, only additional methods will be modelled in this diagram.

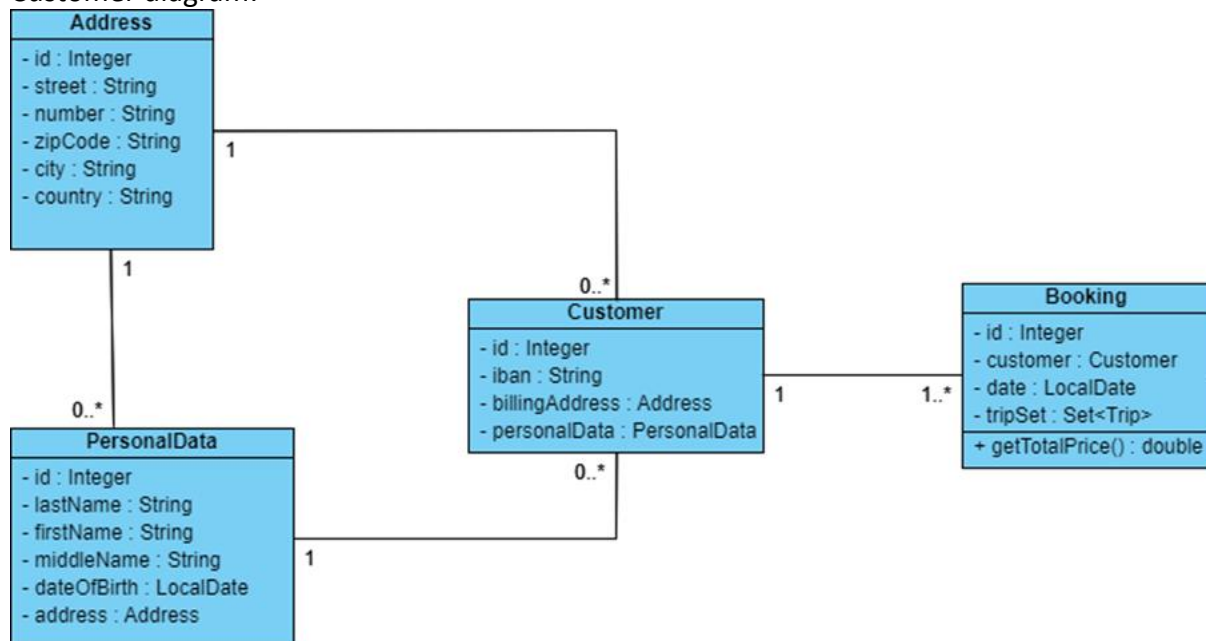
Please notice that there is not *setter* for the field *id* as it will be generated by the Persistence automatically.

Also the *getter* and *setter* for the attributes *dateOfDeparture*, *timeOfDeparture*, *timeZoneOfDeparture*, *dateOfArrival*, *timeOfArrival*, and *timeZoneOfArrival* will be left out and replaced with the *setter* and *getter* methods for *departureTimestamp* and *arrivalTimestamp*. The attributes mentioned will be derived from/used to create their corresponding timestamp.



For better understanding, the diagram can also be divided into the customer side and the trip side.

Customer diagram:



Trip diagram:

