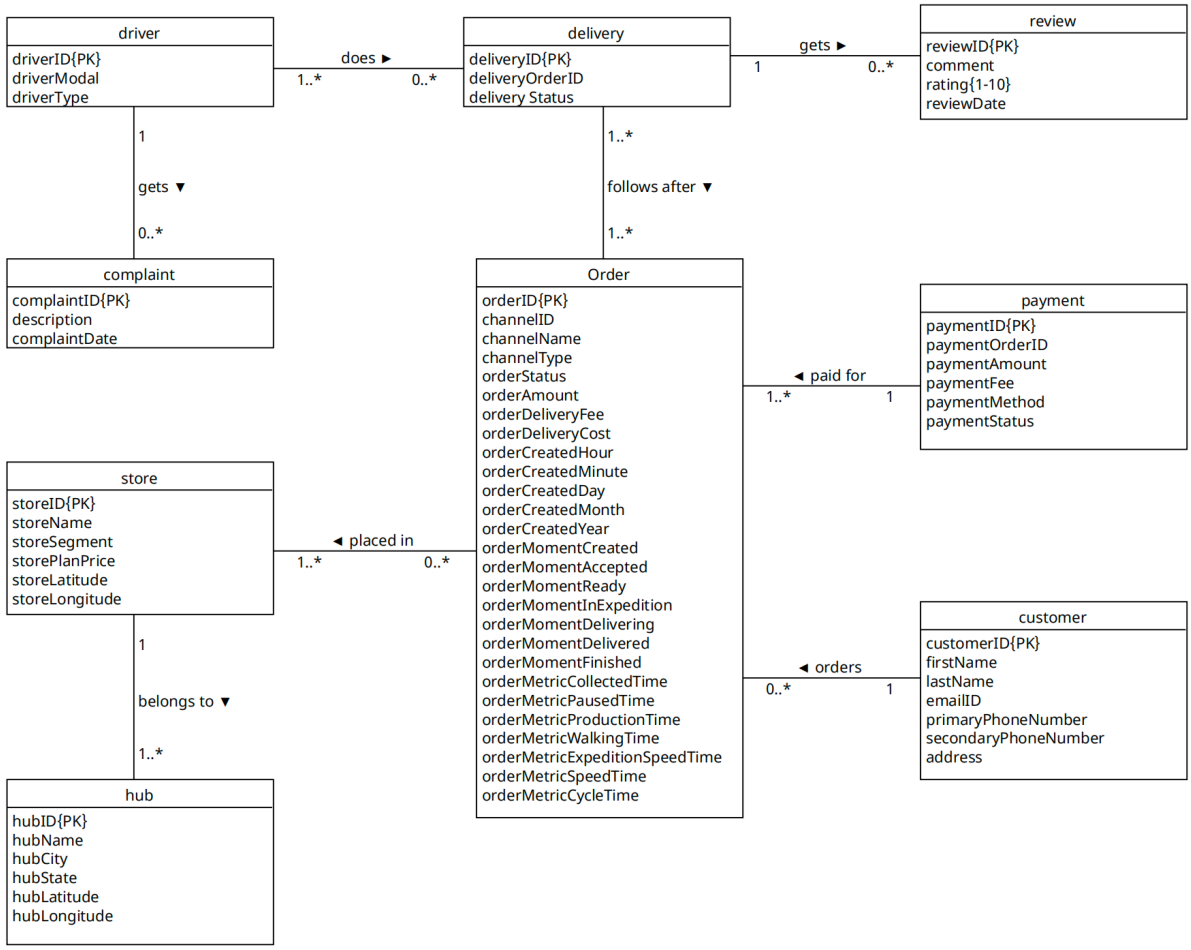

Picture Description: UML Diagram for Assignment-1

Justification:

This UML diagram is created with 9 tables. To impose a clear vision of data, I have added the tables named complaint, store, review and customer.

The driver table has driverID as Primary key and connected with delivery and complaint table. The driver table has 1 to many relation with complaint table as a driver can get 0-many complaint and each complaint must have a recipient(driver). For the same reason, the delivery and the review table has 1 to many relationship. Whereas the driver and delivery table has many-many relationship. Drivers can make 0 or many deliveries and the deliveries will have at least 1 driver.

The order table is the most detailed table and it is connected to payment, customer and store table. This table has a many to many association with store class because an order can be made from one or numerous stores and a store can have 0-many orders. The stores are

the part of hubs. The store and hub has 1-many relationship. The stores belong to a particular hub that is why they have the given association.

The order table is connected with payment table with a 1-many association. The Customer table is also connected with order table. They also share a 1-many association. A customer can make 0 or numerous orders but an order must have at least 1 customer or paymentID attached to it.