Functional Dependencies(FDs)

**1.Customer**

Customer\_id →{fname,surname,gender,age, house\_no,street\_no,PIN }

Key :{customer\_id}

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**2.Vehicle**

vid→{vehicle\_name,cost\_per\_km,driver\_id,availability,rating}

driver\_id→{vid}

key:{vid} and {driver\_id}

BCNF

**3.PIN**

pin→{city,state}

key : {pin}

BCNF

**4.Bill**

Bill\_id→{discount\_id,total\_amount,customer\_id,vehicle\_id,booking\_no}

booking\_no→{bill\_id}

key:{bill\_id} and {booking\_no}

BCNF

**5.Discount**

Discount\_id→{discount\_amount}

Key:{discount\_id}

BCNF

**6.Employee**

eid→{fname,surname,sex,salary,bid,dno}

key:{eid}

BCNF

**7.Department**

dno→{dname}

key:dno

BCNF

**8.Branch**

Branch\_id→{branch\_name,streetno,pin,phone}

key:{branch\_id}

BCNF

**9.Booking**

Booking\_no→{cid,vid,booking\_date,booking\_time,source\_pin,destination,pin}

{Vid,booking\_date,booking\_time}→booking\_no

Key:{booking\_no} and {vid,booking\_date,booking\_no}

BCNF