Functional Dependencies(FDs)

1.Customer

Customer_id →{fname,surname,gender,age, house_no,street_no,PIN }

Key :{customer_id}

BCNF

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