

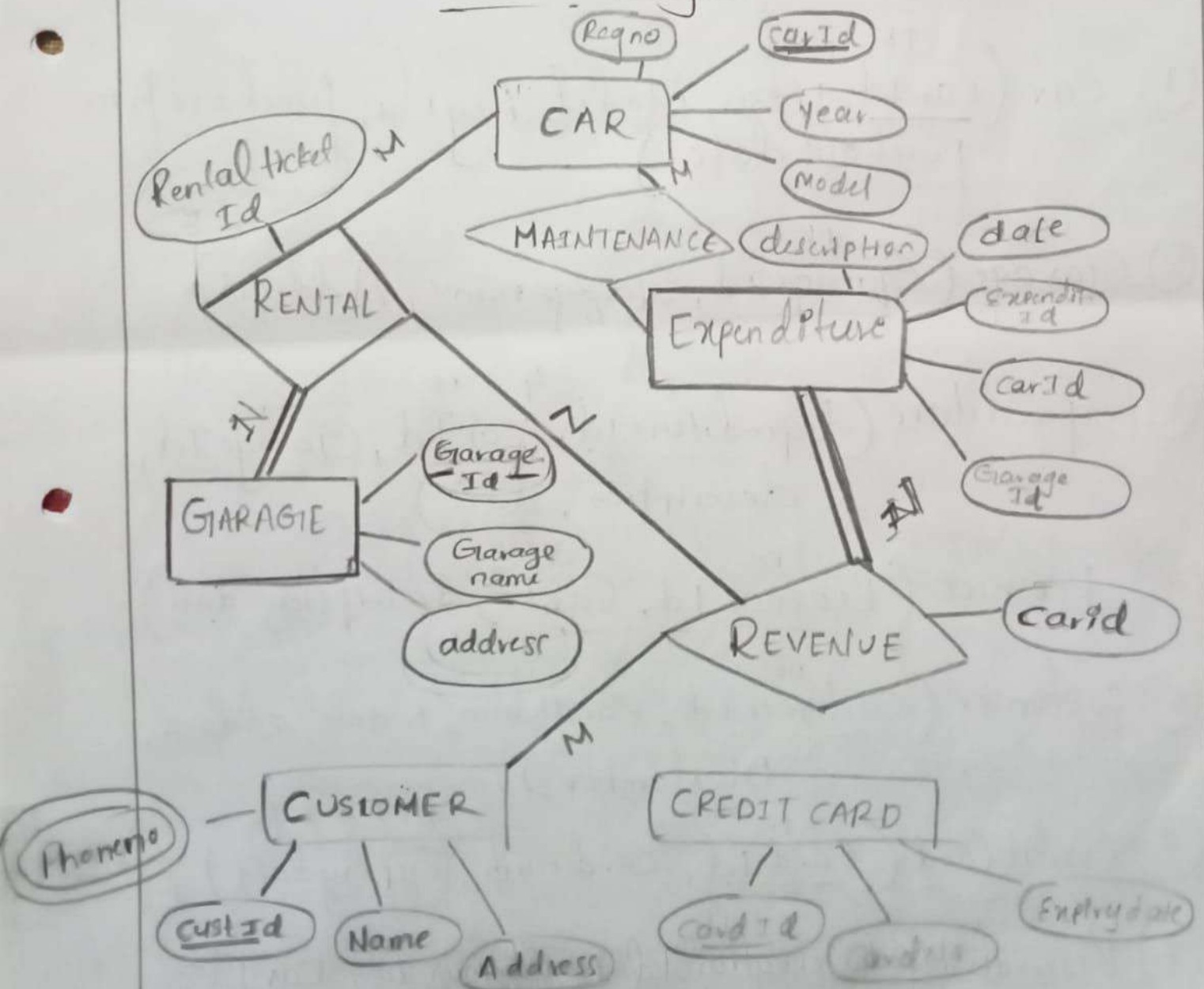
Shashidhar.N

Roll No :- 152

F2 Batch Even

CAR RENTAL COMPANY DATABASE

E-R Diagram



Entities identified.

- car () • Garage • Expenditure.
- Revenue • Customer • Credit card
- Reservation

- ① Car (^{PK}carId, Year, Model, RegNo, purchase price, purchase date)
- ② Garage (^{PK}GarageId, Garage name, Address)
- ③ Expenditure (^{PK}ExpenditureId, ^{FK}carId, ^{FK}GarageId, description, date)
- ④ Revenue (^{PK}RevenueId, ^{FK}carId, description, date)
- ⑤ Customer (^{PK}CustomerId, ~~CardId~~, Name, address, DL Number)
- ⑥ Credit Card (^{PK}CardId, card num, Expiry date)
- ⑦ Reservation (^{PK}ReservationId, customerId, carId, pickup date, Return date)

Relational schema

Car

<u>CarId</u>	year	Model	Regno	Purchase price	Purchase date
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Garage

<u>GarageId</u>	Garage name	Address
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Expenditure

<u>ExpenditureId</u>	carId	GarageId	description	date
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Revenue

<u>RevenueId</u>	carId	description	date
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customer

<u>CustomerId</u>	name	address	DL number
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Creditcard

<u>CardId</u>	cardnum	Expiry date
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Reservation

<u>ReservationId</u>	customerId	carId	Pickup date
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