

CAR COMPARISON SYSTEM

Scrum Master

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Submitted By

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MCA Regular S5

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ABSTRACT

The car comparison project focuses on providing buyers an estimation of the similarities and dissimilarities between two cars and the system will generate a brief report indicating the benefits and defects. Thus, it helps user to analyse the cars effectively and user can make best decision before buying.

MODULES:

ADMIN: Admin has the sole control over the system. Admin is the only one who can delete or block someone. Sending notifications about the new features, updates and also important news. He can read the feedbacks from the users and manufactures who are registered in the system.

CAR MANUFACTURE: Car manufacture is the one who is add car specifications and also add dealers to the system. The manufacture has a login and he can view notifications from the admin, send any feedback or suggestions to improve the system

REGISTERED USER: Registered user has a login, and he can only get the complete service from the system comparing with the normal user. Registered user has more privileges than the normal user. Once a user registered to the system he can compare cars, view all cars and specifications, also have a way to book the car he wishes to buy and can contact the dealer through the system.

NORMAL USER: Normal user don't have a login, he can only visit the system and view cars and compare it. He will not get more services. The registration to the system is free of cost.

Table Design

1. Login Table :- login_tb

| Field Name | Data Type | Key |
|------------|-------------|-------------|
| Lid | Int | Primary Key |
| Mid | Int | Foreign key |
| Uid | Int | Foreign key |
| Username | Varchar(50) | |
| Password | Varchar(50) | |
| Role | Int | |

2. Manufacture Registration Table :- man_tb

| Field Name | Data Type | Key |
|------------|-------------|-------------|
| Mid | Int | Primary Key |
| Mname | Varchar(50) | |
| Address | Varchar(50) | |
| Email | Varchar(50) | |
| Contact | int | |
| CIN | Varchar(50) | |
| Username | Varchar(50) | |
| Password | Varchar(50) | |

3. User Registration Table :- user_tb

| Field Name | Data Type | Key |
|------------|-------------|-------------|
| Uid | Int | Primary Key |
| Name | Varchar(50) | |
| Age | Int | |
| Email | Varchar(50) | |
| Contact | int | |
| Username | Varchar(50) | |
| Password | Varchar(50) | |

4. Dealer Table :- dealer_tb

| Field Name | Data Type | Key |
|-------------|-------------|-------------|
| Did | Int | Primary Key |
| Mid | Int | Foreign key |
| Dealer name | Varchar(50) | |
| Email | Varchar(50) | |
| Contact | int | |
| City | Varchar(50) | |
| District | Varchar(50) | |
| State | Varchar(50) | |

5. Car Specification Table :- car_tb

| Field Name | Data Type | Key |
|--------------|-------------|-------------|
| cid | Int | Primary Key |
| Mid | Int | Foreign key |
| Car_name | Varchar(50) | |
| Variant | Varchar(50) | |
| Engine | Varchar(50) | |
| Milage | Int | |
| Transmission | Varchar(50) | |
| Max_power | Varchar(50) | |
| Max_torque | Varchar(50) | |
| Airbag | Varchar(50) | |
| ABS | Varchar(50) | |
| Central_lock | Varchar(50) | |
| AC | Varchar(50) | |
| Price | Int | |

6. Booking Table :- book_tb

| Field Name | Data Type | Key |
|------------|-------------|-------------|
| Bid | Int | Primary Key |
| Uid | Int | Foreign key |
| Mid | Int | Foreign key |
| cid | Int | Foreign key |
| Did | int | Foreign key |
| Variant | Varchar(50) | |

7. Notification Table :- not_tb

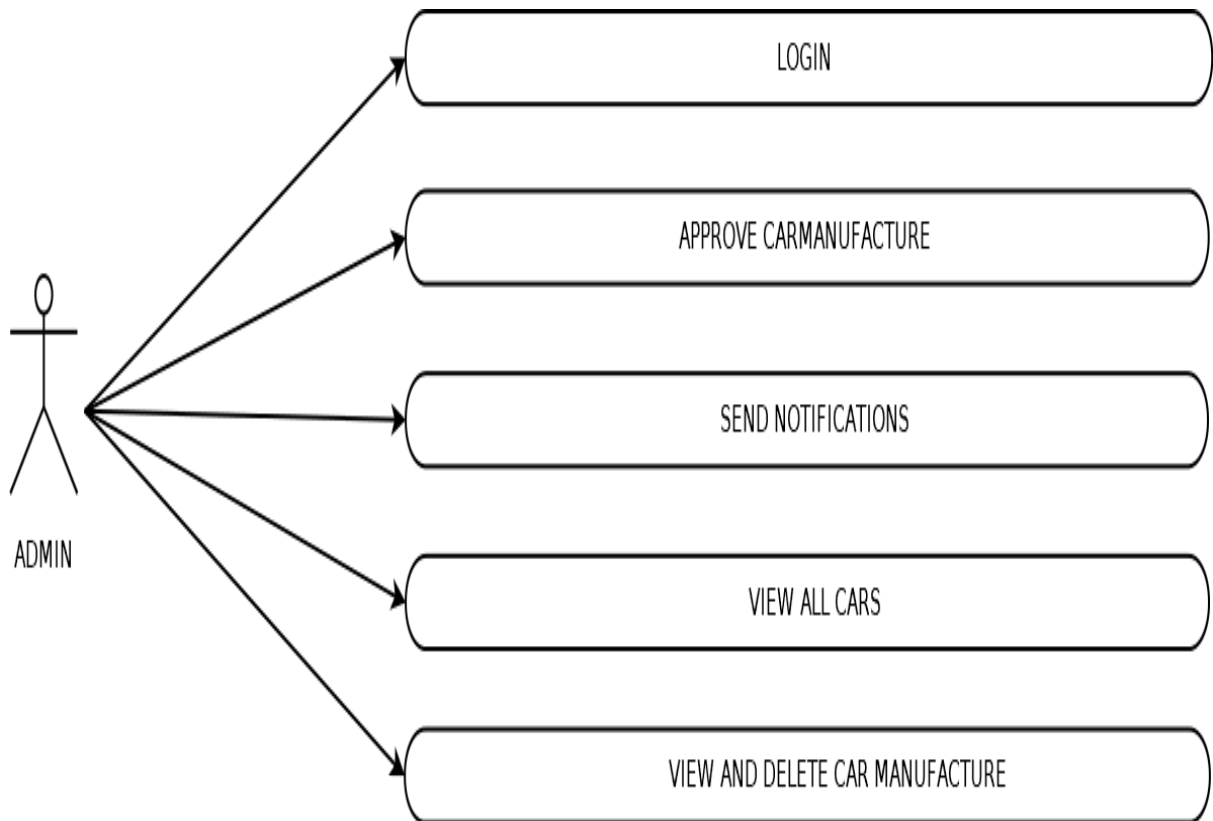
| Field Name | Data Type | Key |
|------------|-------------|-------------|
| Nid | Int | Primary Key |
| Date | Date | |
| Details | Varchar(50) | |

8. Feedback Table :- feedback_tb

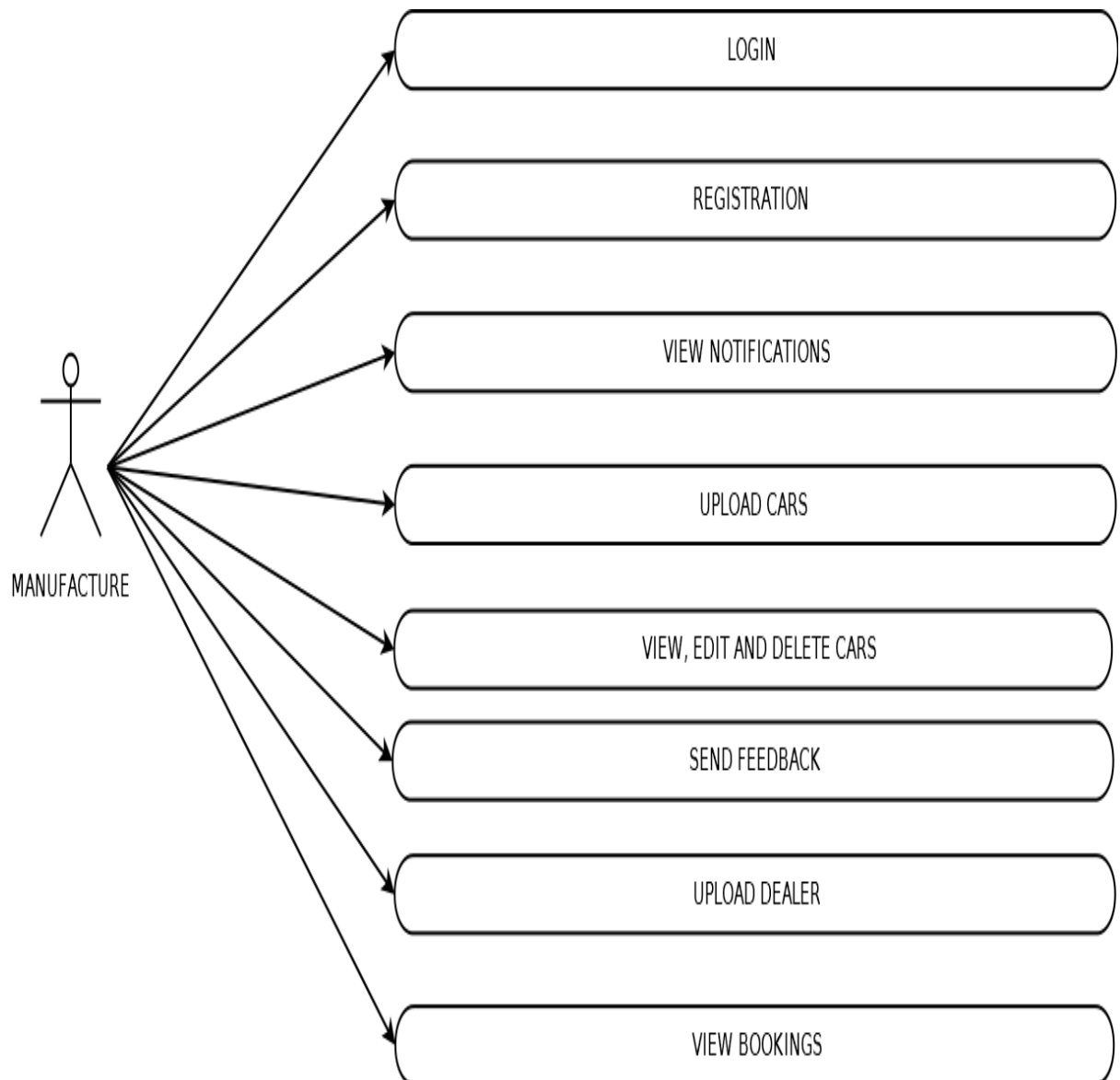
| Field Name | Data Type | Key |
|------------|-------------|-------------|
| fid | Int | Primary Key |
| Uid | Int | Foreign key |
| Feedback | Varchar(50) | |
| Date | Date | |

USECASE DIAGRAM

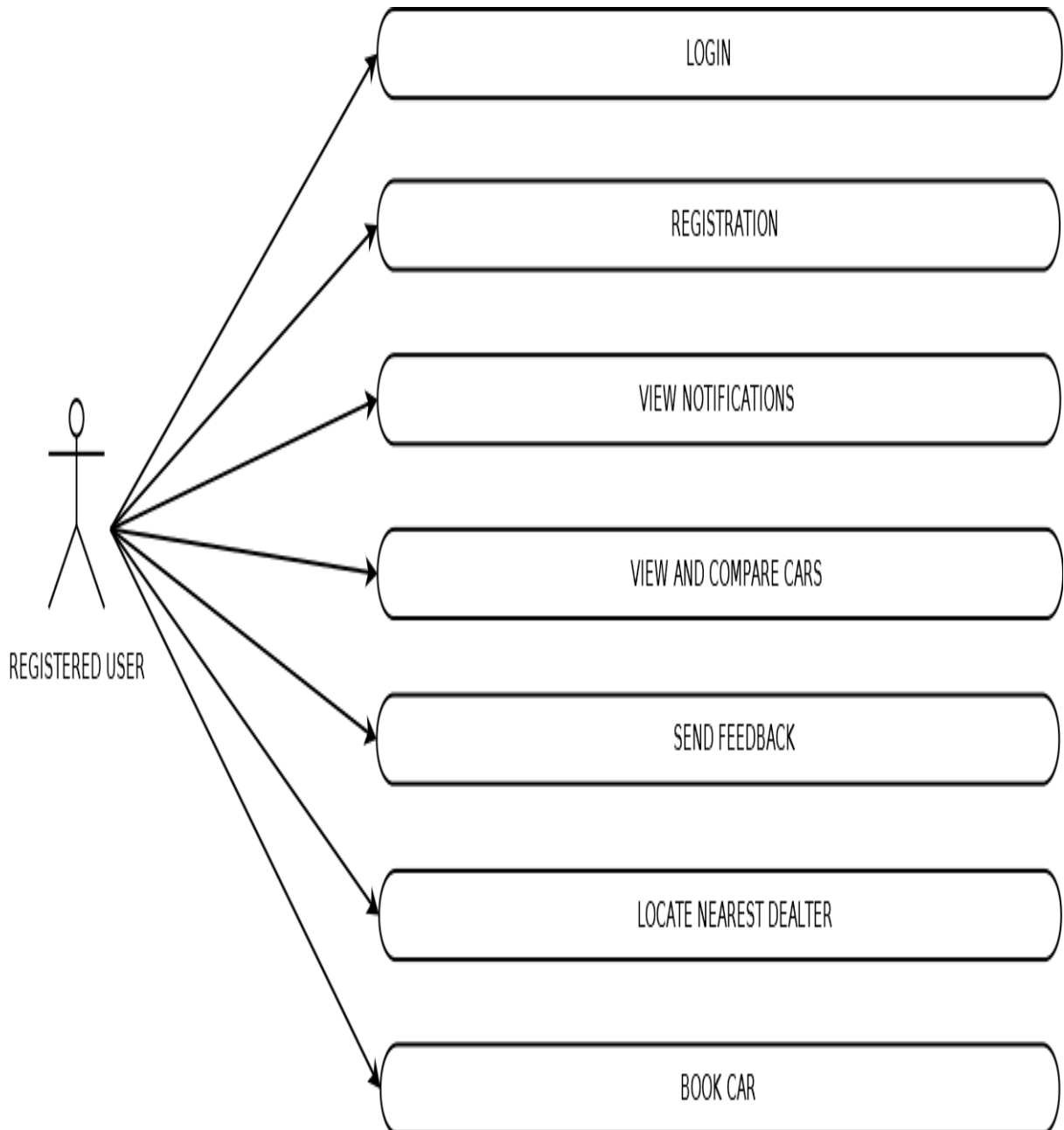
ADMIN:



MANUFATURE:

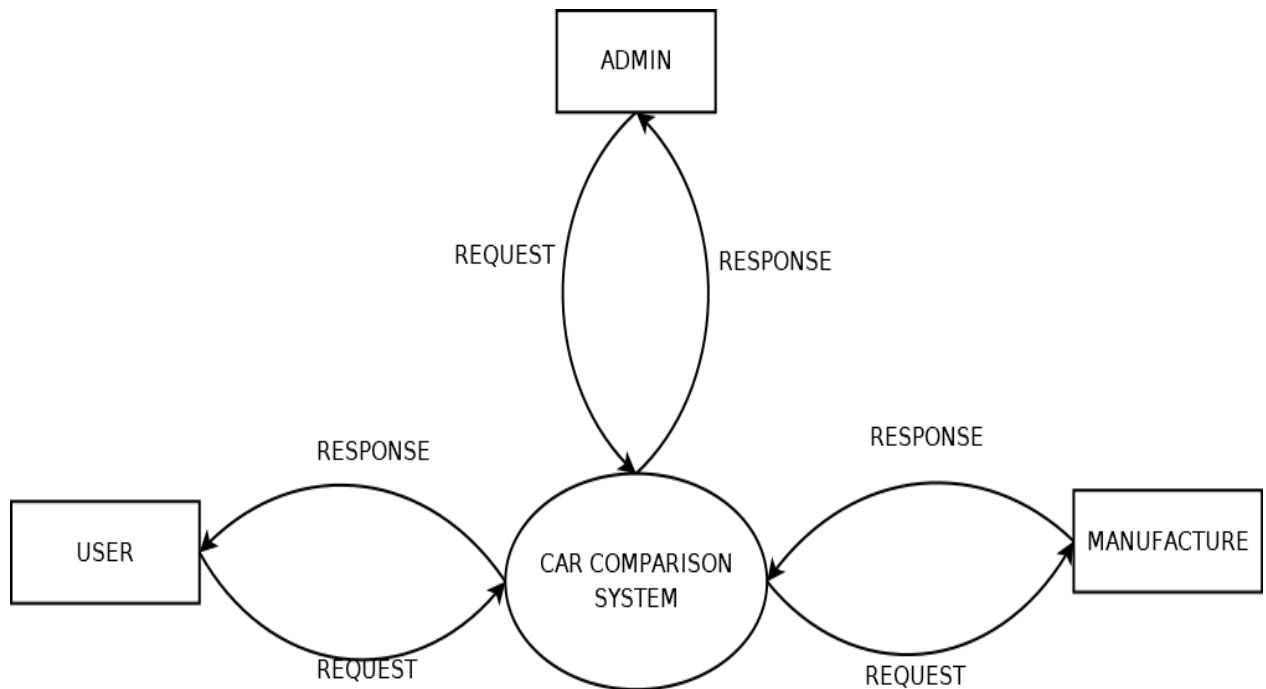


REGISTERED USER:

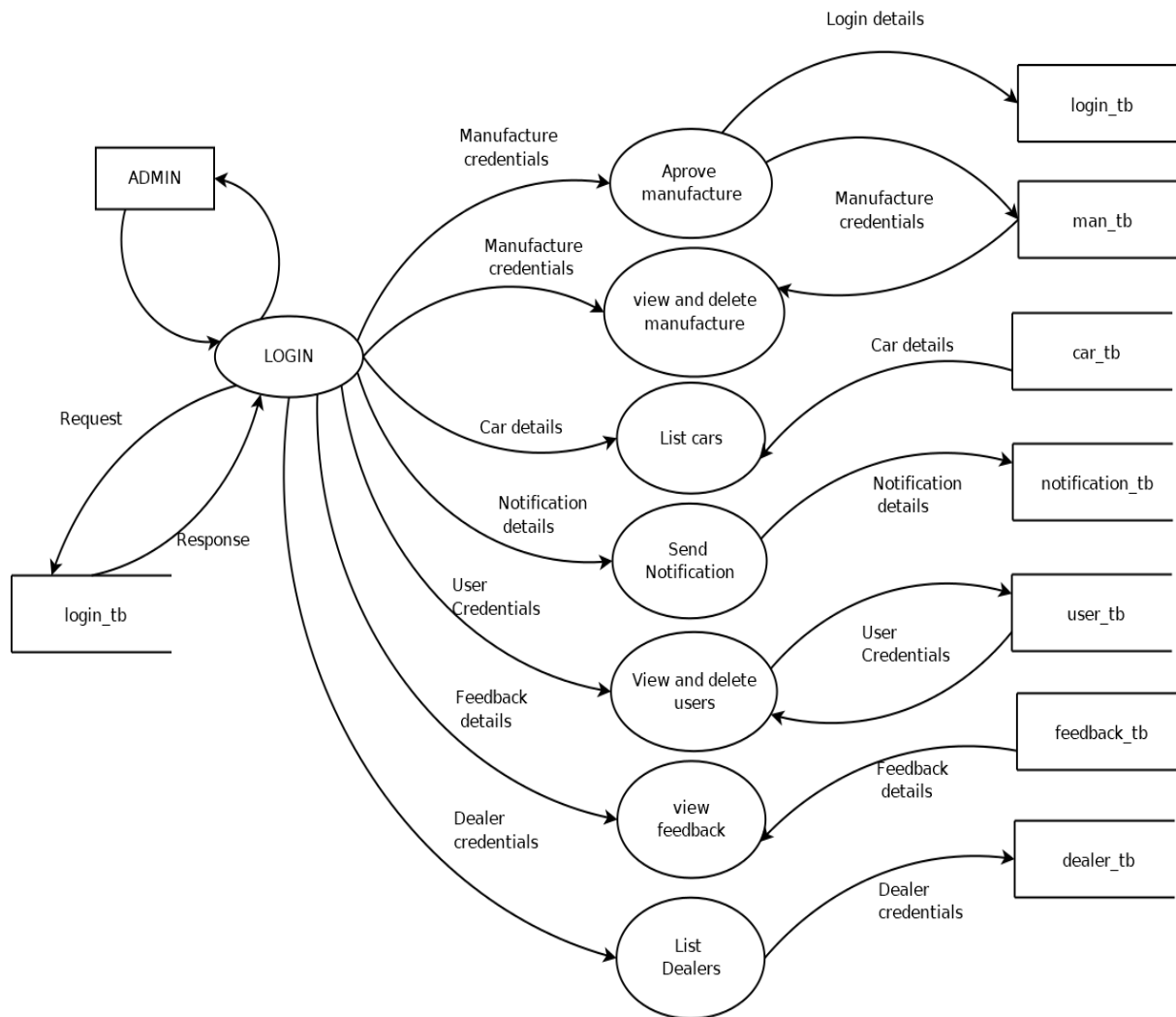


DATAFLOW DIAGRAM

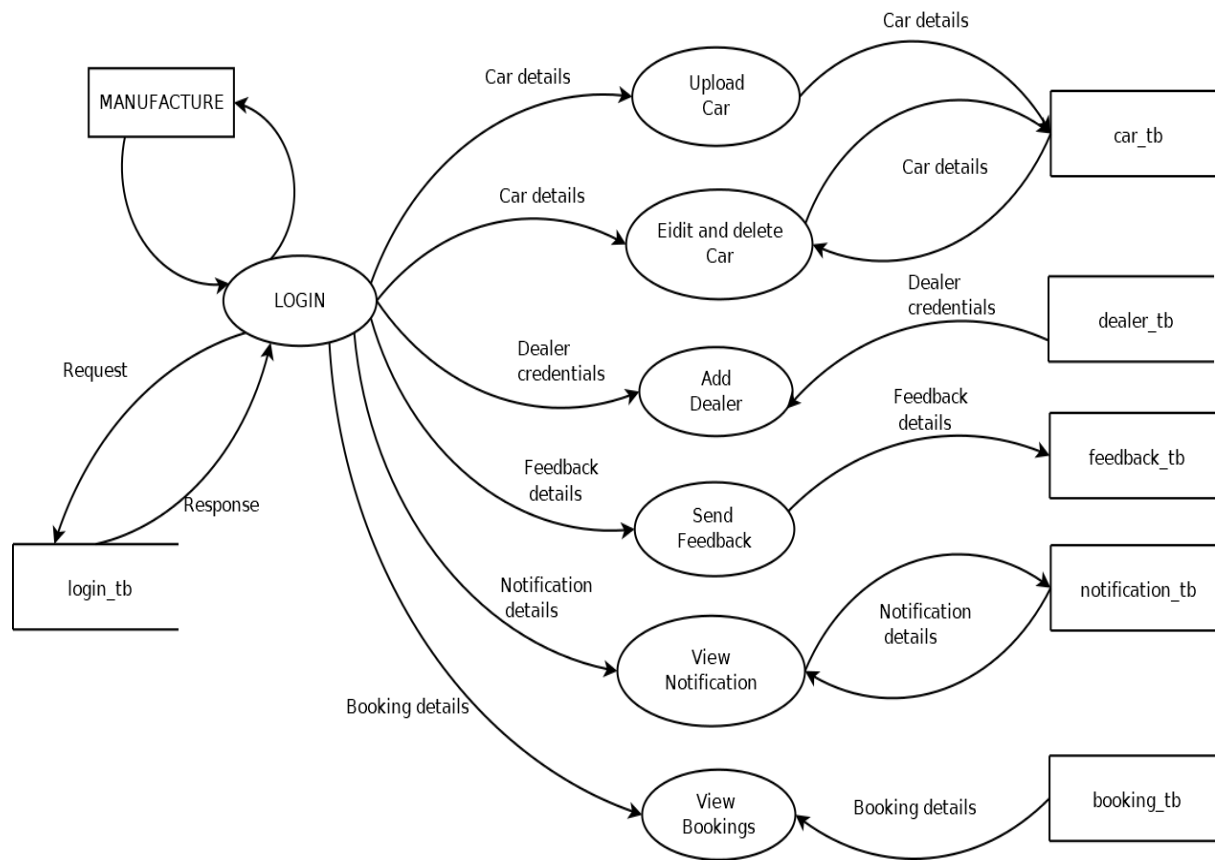
LEVEL 0:



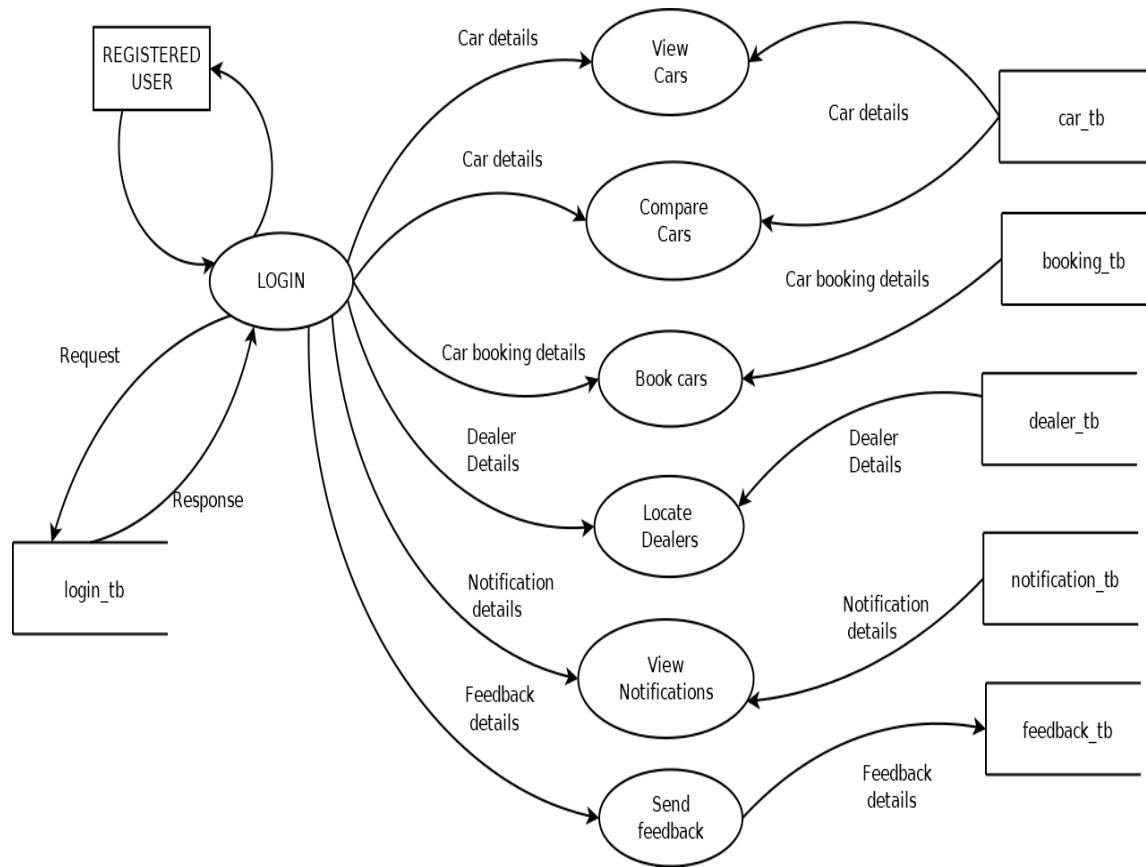
LEVEL 1 ADMIN:



LEVEL 1 MANUFACTURE:



LEVEL 1 REGISTERED USER:



LEVEL 1 NORMAL USER:

