Project Documentation

https://www.fatbit.com/fab/peer-to-peer-car-sharing-marketplace-features-business-model/

https://crocoblock.com/dynamic-templates/rentgo/

Project Name : Book My Car

https://www.projecttopics.org/design-and-implementation-of-a-car-rental-system.html

https://uniassignment.com/essay-samples/information-technology/overview-of-online-car-rental-systems-information-technology-essay.php

https://pdfcoffee.com/car-rental-system-project-report-pdf-free.html

Introduction : This project is based on PHP principles and is designed to automate all the activities required to be carried out as regard to rent your cars and book a car. By use of this Website get all the information about rental and booking process of car.

With the help of this project they can earn their money to rent out their sometimes used cars. In this software design we used MYSQL as back End tool, which gives highest data security, which is necessary for the safe data secure to any project.

Front - End : HTML,CSS,JAVAScript

Back - End : My SQL,PHP

SDLC :

1) Requirements Gathering
2) Analysis
3) Designing
4) Coding
5) Testing
6) Maintenance

Analysis :

Step 1 : Module Define/ User

Guest
User
Employee
Admin

Step 2 : Define task of each module

Guest

- View_car_type
- View_location
- View_cars
- Contact

User

- View_car_type
- View_location
- View_cars
- Contact
- Register
- Login
- Wishlist
- Making_booking_Adv
- Manage_car_Adv add/update/delete
- Manage_booking
- View_or_make_booking_reviews
- Logout

Employee

- Register
- Login
- manage_car_type
- manage_location
- manage_Contact reply
- Manage_user delete/block
- Manage_car_Adv add/update/delete
- view_booking
- View_booking_reviews

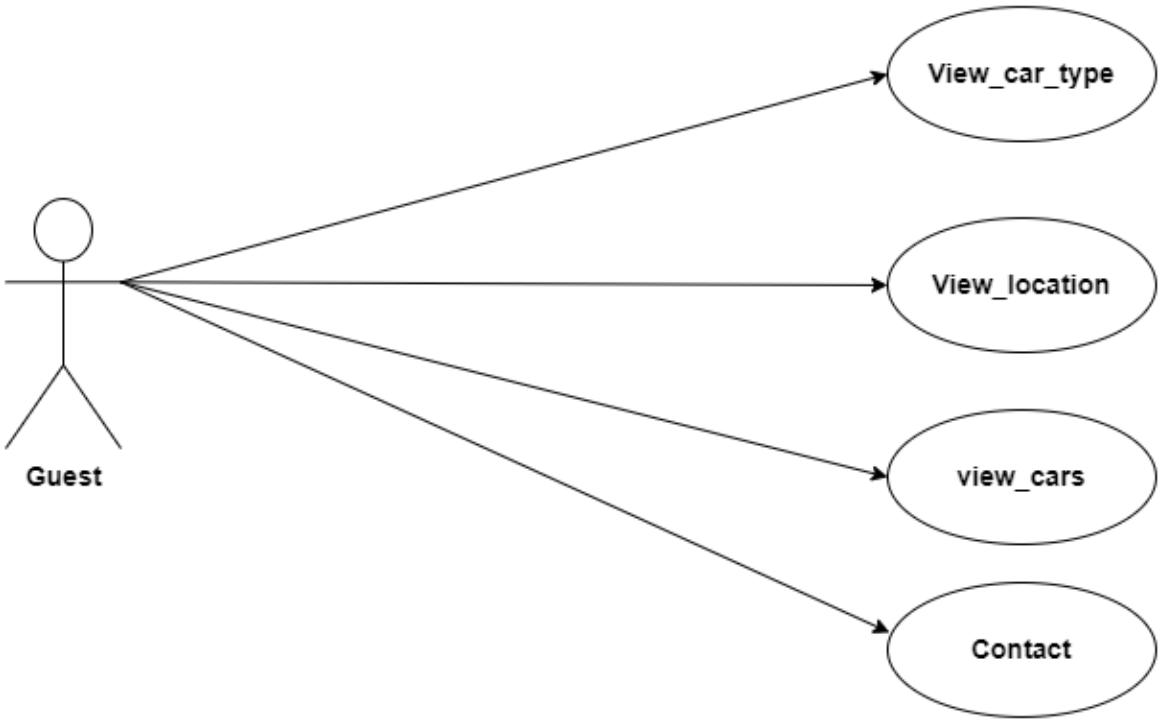
- Logout

Admin

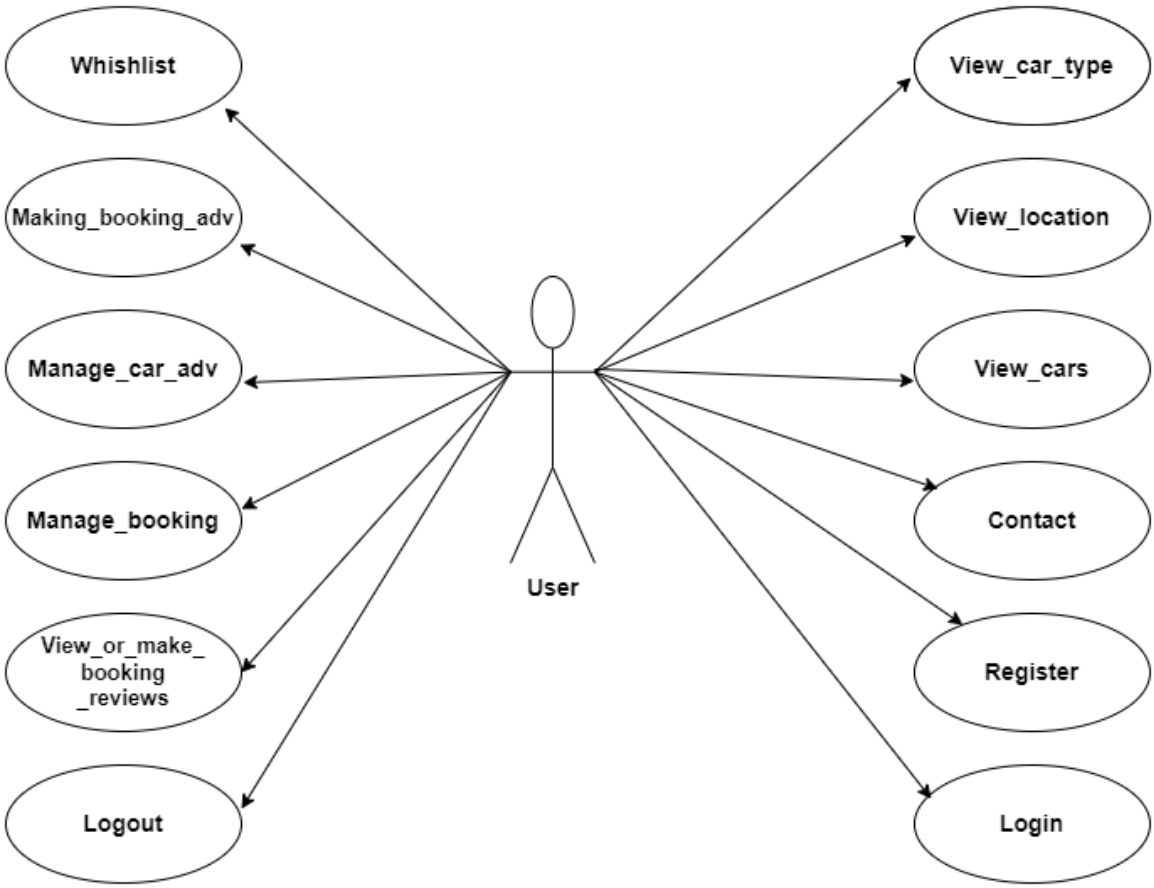
- Login
- Manage_employee
- manage_car_type
- manage_location
- view_Contact
- Manage_user delete/block
- Manage_car_Adv
- view_booking
- View_booking_reviews
- Logout

Step 3 : Create Diagaram

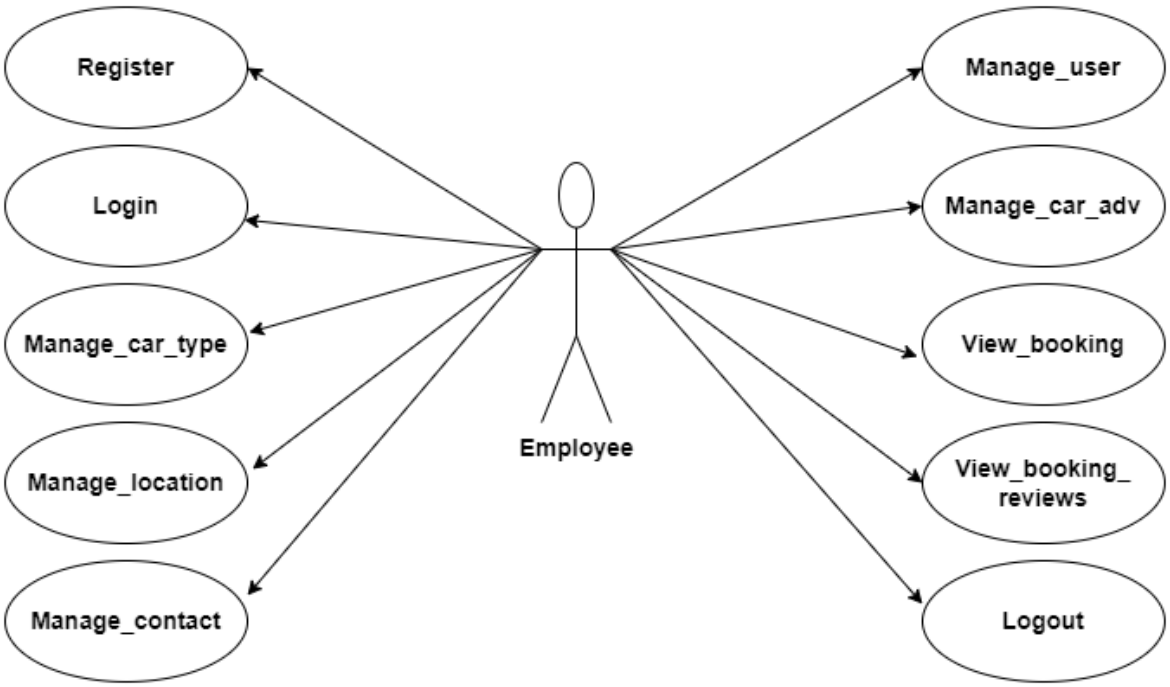
- **Guest Use-Case**



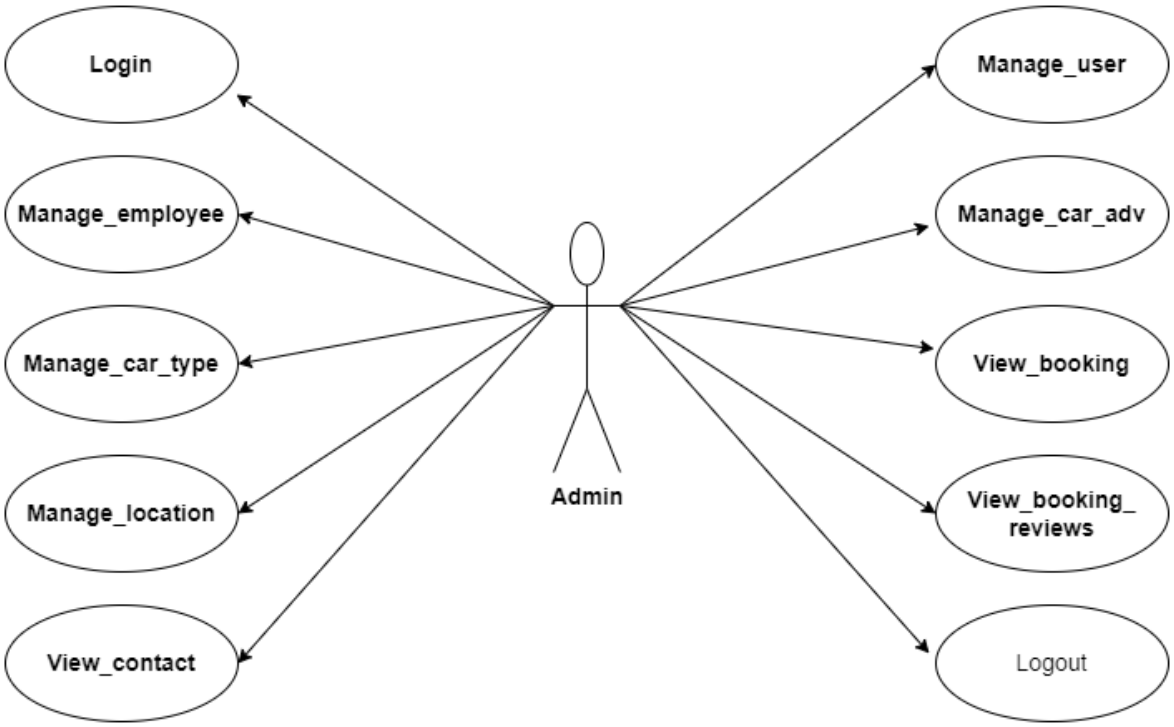
- **User Use-Case**



- **Employee Use-Case**



- **Admin Use-Case**


Login
Manage_employee
Manage_car_type
Manage_location
View_contact
Admin
Manage_user
Manage_car_adv
View_booking
View_booking_
reviews
Logout

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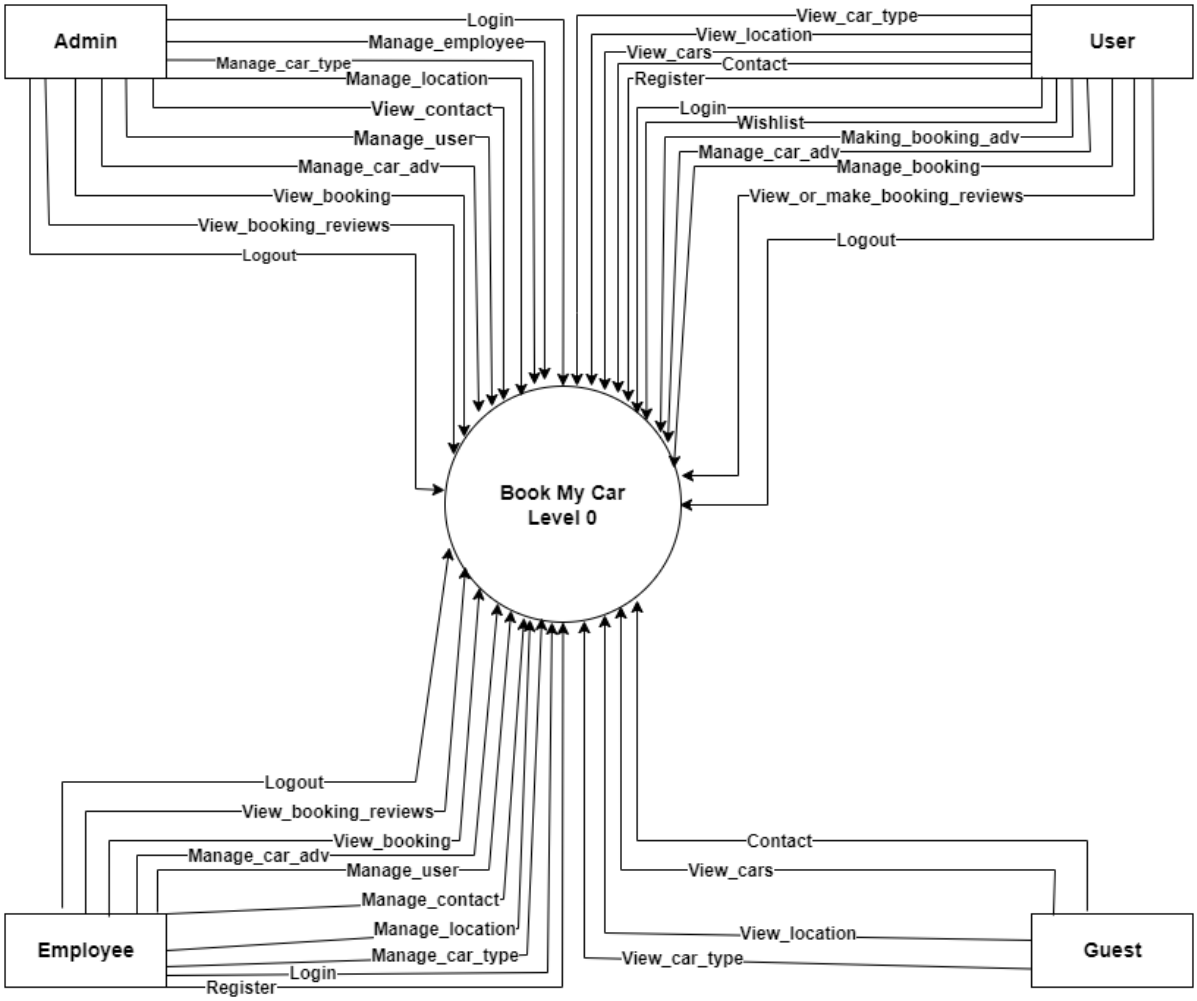
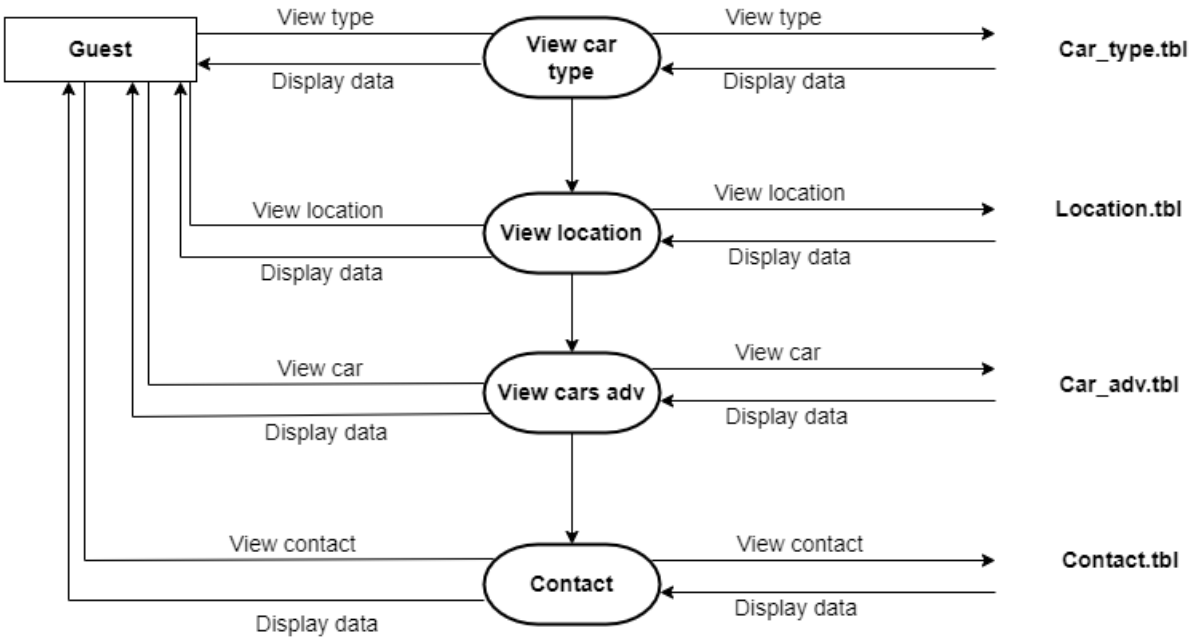
- **LEVEL 0**

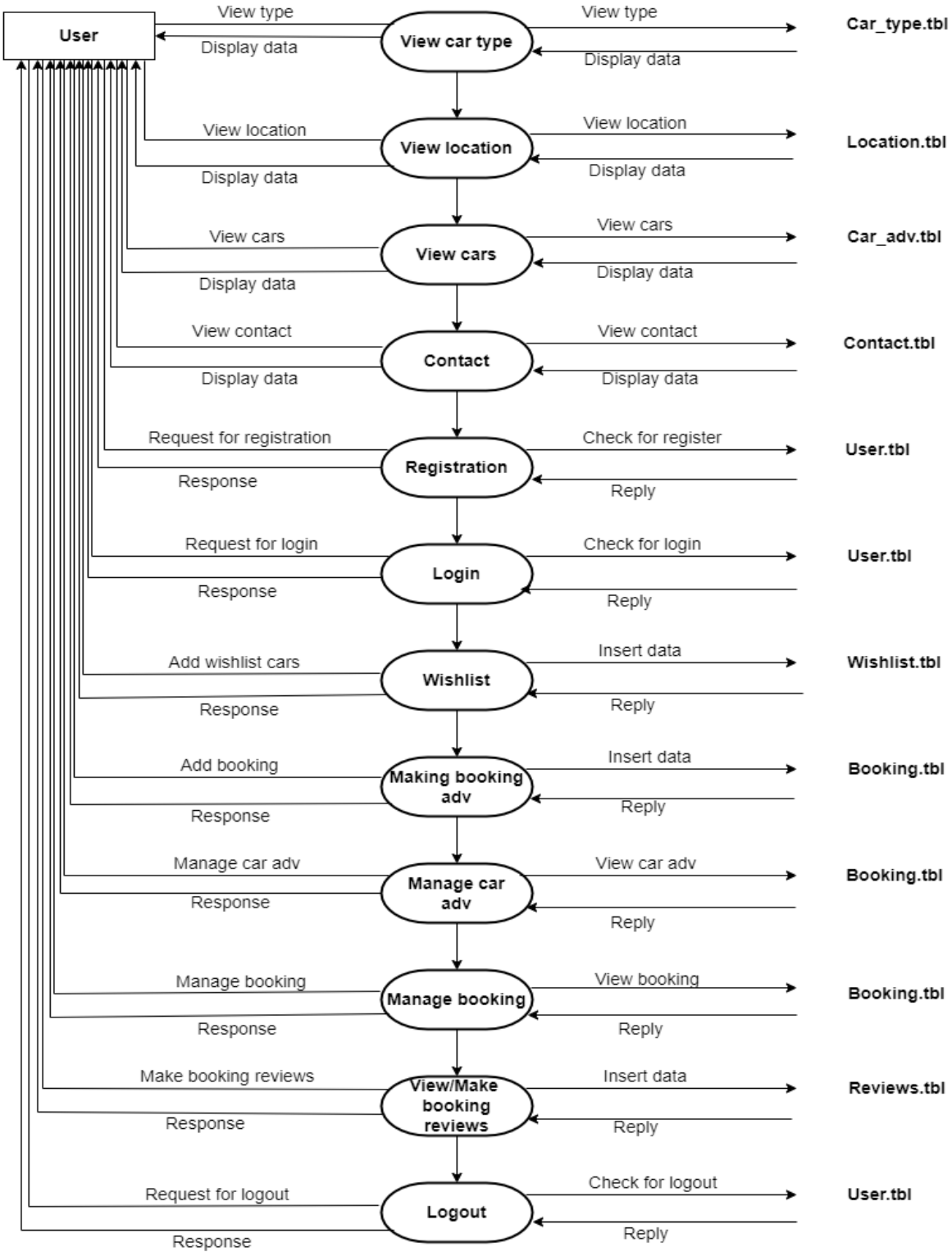


- **Level 1**

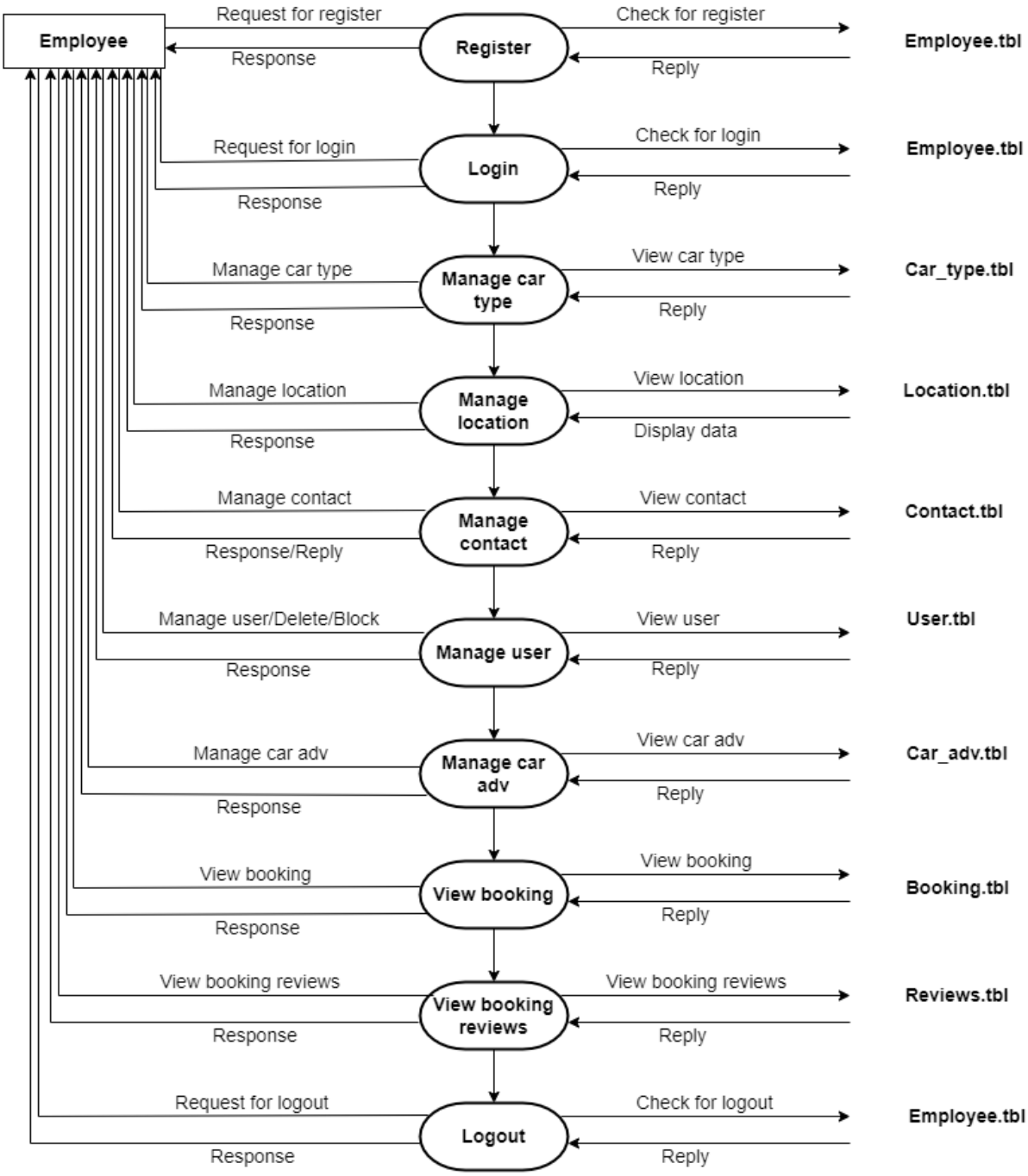
  Guest


Guest
View type
Display data
View car type
View type
Display data
Car_type.tbl
View location
Display data
View location
View location
Display data
Location.tbl
View car
Display data
View cars adv
View car
Display data
Car_adv.tbl
View contact
Display data
Contact
View contact
Display data
Contact.tbl

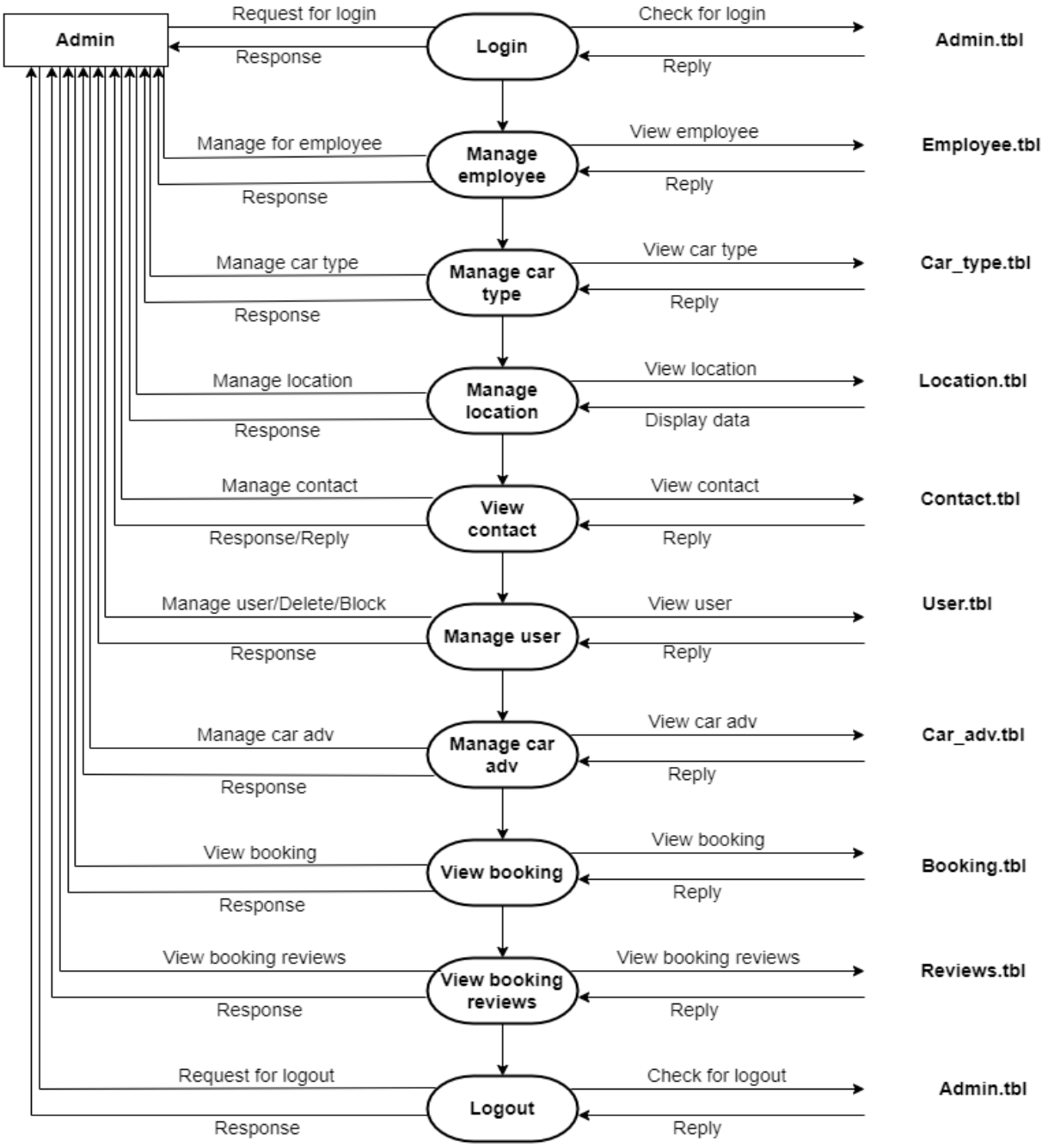
User


User
View type
Display data
View car type
View type
Display data
Car_type.tbl
View location
Display data
View location
Display data
Location.tbl
View cars
Display data
View cars
Display data
Car_adv.tbl
View contact
Display data
Contact
View contact
Display data
Contact.tbl
Request for registration
Response
Registration
Check for register
Reply
User.tbl
Request for login
Response
Login
Check for login
Reply
User.tbl
Add wishlist cars
Response
Wishlist
Insert data
Reply
Wishlist.tbl
Add booking
Response
Making booking adv
Insert data
Reply
Booking.tbl
Manage car adv
Response
Manage car adv
View car adv
Reply
Booking.tbl
Manage booking
Response
Manage booking
View booking
Reply
Booking.tbl
Make booking reviews
Response
View/Make booking reviews
Insert data
Reply
Reviews.tbl
Request for logout
Response
Logout
Check for logout
Reply
User.tbl

Employee


Employee
Request for register
Response
Register
Check for register
Reply
Employee.tbl
Request for login
Response
Login
Check for login
Reply
Employee.tbl
Manage car type
Response
Manage car type
View car type
Reply
Car_type.tbl
Manage location
Response
Manage location
View location
Display data
Location.tbl
Manage contact
Response/Reply
Manage contact
View contact
Reply
Contact.tbl
Manage user/Delete/Block
Response
Manage user
View user
Reply
User.tbl
Manage car adv
Response
Manage car adv
View car adv
Reply
Car_adv.tbl
View booking
Response
View booking
View booking
Reply
Booking.tbl
View booking reviews
Response
View booking reviews
View booking reviews
Reply
Reviews.tbl
Request for logout
Response
Logout
Check for logout
Reply
Employee.tbl

Admin



Guest	View car type	car_type.tbl
	View location	location.tbl

	View cars adv	car_adv.tbl
	Contact	contact.tbl
	View car type	car_type.tbl
	View location	location.tbl
	View cars adv	car_adv.tbl
	Contact	contact.tbl
	Registration	user.tbl
	Login	user.tbl
User	Wishlist	wishlist.tbl
	Make Booking Adv	booking.tbl
	Manage car Adv / add / delete /	booking.tbl
	Manage booking / view /	booking.tbl
	View / Make Booking Reviews	reviews.tbl
	Logout	user.tbl
	Register	employee.tbl
	Login	employee.tbl
	Manage Car type	car_type.tbl
	Manage location	location.tbl
Employee	Manage Contact / Reply	contact.tbl
	Manage User / Del / block	user.tbl
	Manage Car Adv	car_adv.tbl
	View Booking	booking.tbl
	View Booking Reviews	reviews.tbl
	Logout	employee.tbl
	Login	admin.tbl
	Manage Employe	employee.tbl
	Manage Car type	car_type.tbl
	Manage location	location.tbl
Admin	View Contact	contact.tbl
	Manage User / Del / block	user.tbl
	Manage Car Adv	car_adv.tbl
	View Booking	booking.tbll
	View Booking Reviews	reviews.tbl
	Logout	admin.tbl

Step 4 : Total numbers of tables

Car_type.tbl
Location.tbl
Car_adv.tbl

Contact.tbl
User.tbl
Wishlist.tbl
Booking.tbl
Reviews.tbl
Employee.tbl
Admin.tbl

Step 5 : Define column of each table

Car_type.tbl

Car_type_id PK
Title
Img
Created_dt
Updatyed_dt

CREATE TABLE Car_type(Cartype_id int PRIMARY KEY AUTO_INCREMENT,Title varchar(100),Img BLOB,Created_dt datetime(6),Updated_dt datetime(6));

Location.tbl

Loca_id PK
Name
Created_dt
Updatyed_dt

CREATE TABLE Location(Loca_id int PRIMARY KEY AUTO_INCREMENT,Name varchar(100),Created_dt datetime(6),Updated_dt datetime(6));

Customer.tbl

User_id PK
Adharcard_no
liacence_no
Name
Mobile
Email
User_name
Pass
Img
Created_dt
Updatyed_dt

CREATE TABLE Customer(Cust_id int PRIMARY KEY AUTO_INCREMENT,Adharcard_no bigint(15),Liacence_no bigint(20),Name varchar(100),Mobile_no bigint(11),Email varchar(100),User_name varchar(100),Password varchar(100),Img BLOB,Created_dt datetime(6),Updated_dt datetime(6));

Client.tbl

Client_id PK
Adharcard_no
Liacence_no
Car_no
RC_no
Name
Mobile
Email
User_name
Pass
Img
Created_dt
Updatyed_dt

CREATE TABLE Client(Client_id int PRIMARY KEY AUTO_INCREMENT,Adharcard_no bigint(15),Liacence_no bigint(20),Car_no bigint(20),RC_no bigint(20),Name varchar(100),Mobile_no bigint(11),Email varchar(100),User_name varchar(100),Password varchar(100),Img BLOB,Created_dt datetime(6),Updated_dt datetime(6));

Car_adv.tbl

Car_adv_id PK
User_id FK
Car_type_id FK
Loca_id FK
Car_no
rc_number
Title
Img
Description
Price_type
Price
Terms_cond
Post_status // Pending / Approved
Car_status // Available / Not Available
Created_dt
Updatyed_dt

CREATE TABLE Car_adv(Caradv_id int PRIMARY KEY AUTO_INCREMENT,Cust_id int(20),Cartype_id int(20),Loca_id int(20),Car_no varchar(50),RC_no varchar(50),Title varchar(100),Img BLOB,Description varchar(1000),price_type int(20),price int(20),price_type varchar(255),Terms_cond varchar(1000),Post_status varchar(50),Car_status varchar(50),Created_dt datetime(6),Updated_dt datetime(6),FOREIGN key(Cust_id)REFERENCES customer(Cust_id),FOREIGN KEY(Cartype_id)REFERENCES car_type(Cartype_id),FOREIGN KEY(Loca_id)REFERENCES location(Loca_id));

Contact.tbl

Contact.id PK
Name
Mobile
Email
Created_dt
Updated_dt

CREATE TABLE Contact(Contact_id int PRIMARY KEY AUTO_INCREMENT,Cust_id int(50),Email varchar(100),Phone_no bigint(11),Description varchar(1000),Created_dt datetime(6),Updated_dt datetime(6),FOREIGN KEY(Cust_id)REFERENCES Customer(Cust_id));

Wishlist.tbl

Wishlist.id PK
User.id FK
Car_adv.id FK
Car_type.id FK
Created_dt
Updated_dt

CREATE TABLE Wishlist(Wishlist_id int PRIMARY KEY AUTO_INCREMENT,Cust_id int(50),Caradv_id int(50),Cartype_id int(50),Created_dt datetime(6),Updated_dt datetime(6),FOREIGN KEY(Cust_id)REFERENCES customer(Cust_id),FOREIGN KEY(Caradv_id)REFERENCES car_adv(Caradv_id),FOREIGN KEY(Cartype_id)REFERENCES car_type(Cartype_id));

Booking.tbl

Booking.id PK
User.id FK
Loca.id FK
Car_adv.id FK
Car_type.id FK
Title
Img
Description
Price
Terms Cond
Created_dt
Updated_dt

CREATE TABLE Booking(Booking_id int PRIMARY KEY AUTO_INCREMENT,Cust_id int(50),Loca_id int(50),Caradv_id int(50),Cartype_id int(50),Title varchar(100),Img BLOB,Description varchar(1000),Price int(20),Terms_cond varchar(1000),Created_dt datetime(6),Updated_dt datetime(6),FOREIGN KEY(Cust_id)REFERENCES customer(Cust_id),FOREIGN KEY(Loca_id)REFERENCES location(Loca_id),FOREIGN KEY(Caradv_id)REFERENCES car_adv(Caradv_id),FOREIGN KEY(Cartype_id)REFERENCES car_type(Cartype_id));

Reviews.tbl

Reviews.id PK
User.id FK
Description
Created_dt
Updated_dt

CREATE TABLE Reviews(Reviews_id int PRIMARY KEY AUTO_INCREMENT,Cust_id int(50),Description varchar(1000),Created_dt datetime(6),Updated_dt datetime(6),FOREIGN KEY(Cust_id)REFERENCES customer(Cust_id));

Employee.tbl

Employee.id PK
Username
Password
First name
Last name
Birth of date

Gender
Email
Mobile no.
Job title
Salary
Address
Created_dt
Updated_dt

CREATE TABLE Employee(Employee_id int PRIMARY KEY AUTO_INCREMENT,Username varchar(20),Password varchar(20),First_name varchar(100),Last_name varchar(100),Birth_of_date datetime(6),Gender varchar(10),Email varchar(100),Mobile_no bigint(11),Job_title varchar(20),Salary varchar(50),Address varchar(500),Created_dt datetime(6),Updated_dt datetime(6));

Admin.tbl

Admin.id PK
Username
Password
First name
Last name
Email
Mobile no
Created_dt
Updated_dt

CREATE TABLE Admin(Admin_id int PRIMARY KEY AUTO_INCREMENT,Username varchar(100),Password varchar(100),First_name varchar(100),Last_name varchar(100),Email varchar(100),Mobile_no bigint(11),Created_dt datetime(6),Updated_dt datetime(6));

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