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

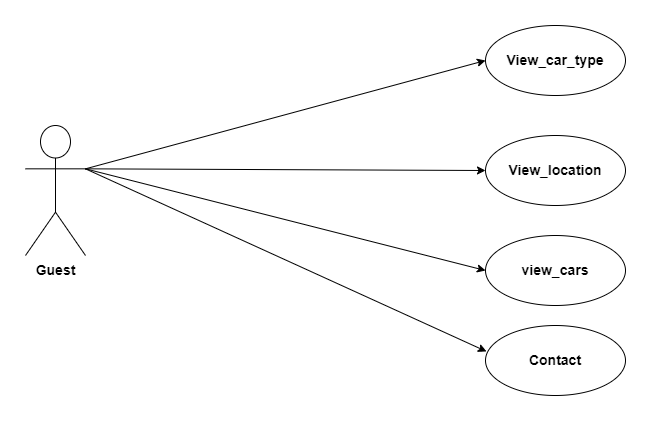
* Register
* Login
* manage\_car\_type
* manage\_location
* manage\_Contact reply
* Manage\_user delete/block
* Manage\_car\_Adv add/update/delete
* view\_booking
* View\_booking\_reviews
* Logout

**Admin**

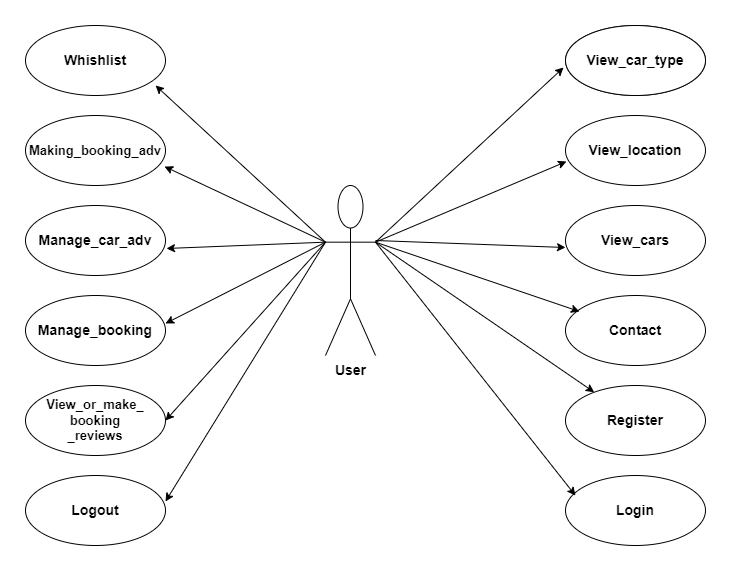
* Login
* Manage\_employee
* manage\_car\_type
* manage\_location
* view\_Contact
* Manage\_user delete/block
* Manage\_car\_Adv
* view\_booking
* View\_booking\_reviews
* Logout

**Step 3 : Create Diagaram**

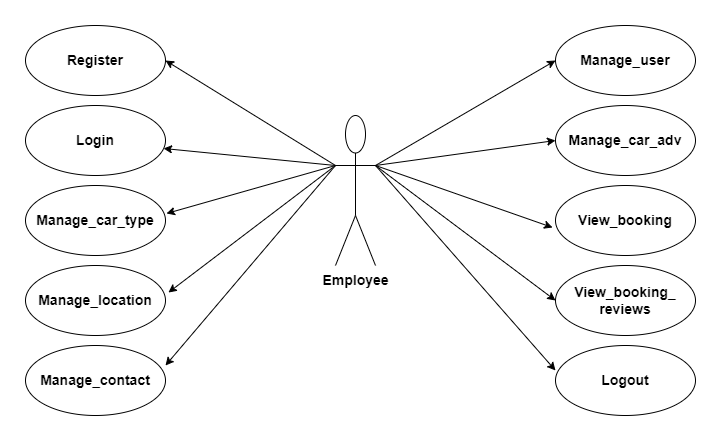
* **Guest Use-Case**

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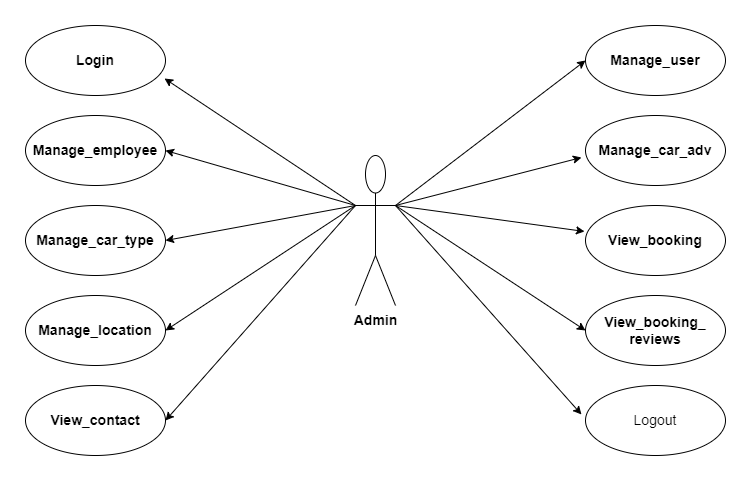
* **User Use-Case**

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* **Employee Use-Case**

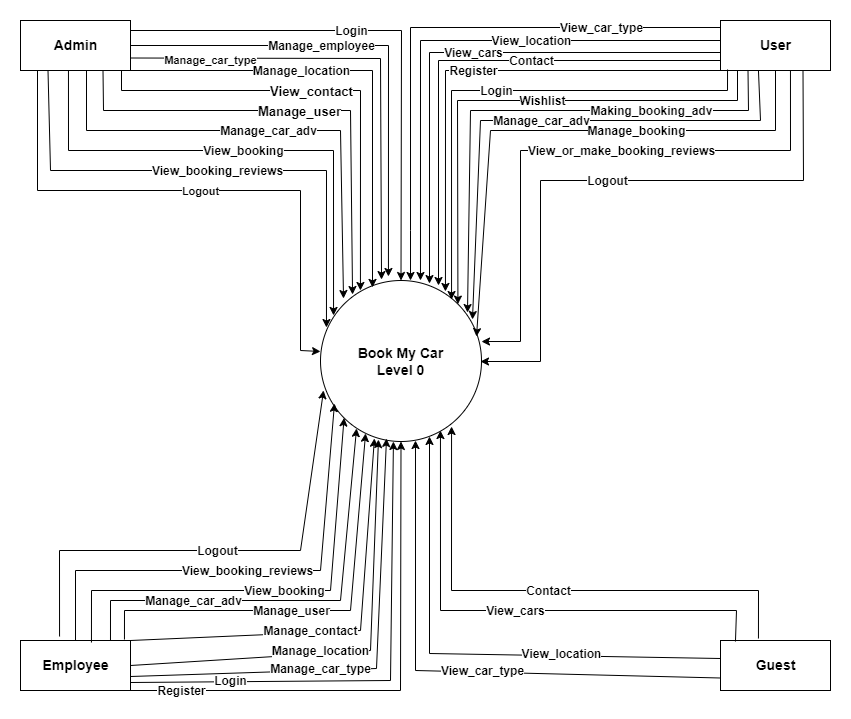
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* **Admin Use-Case**

****

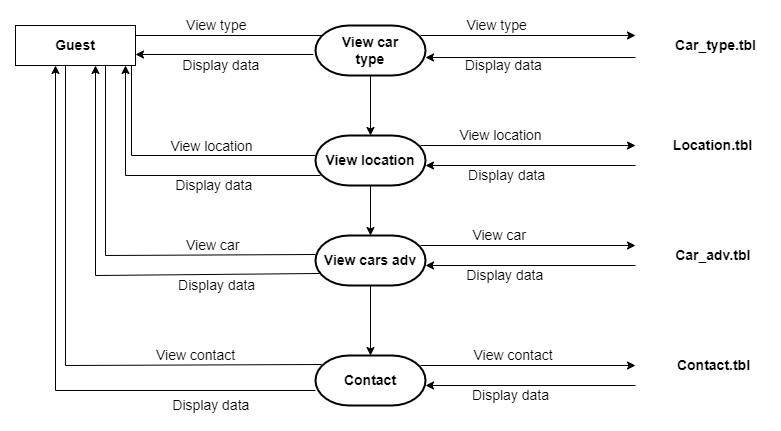
**DFD**

* **LEVEL 0**

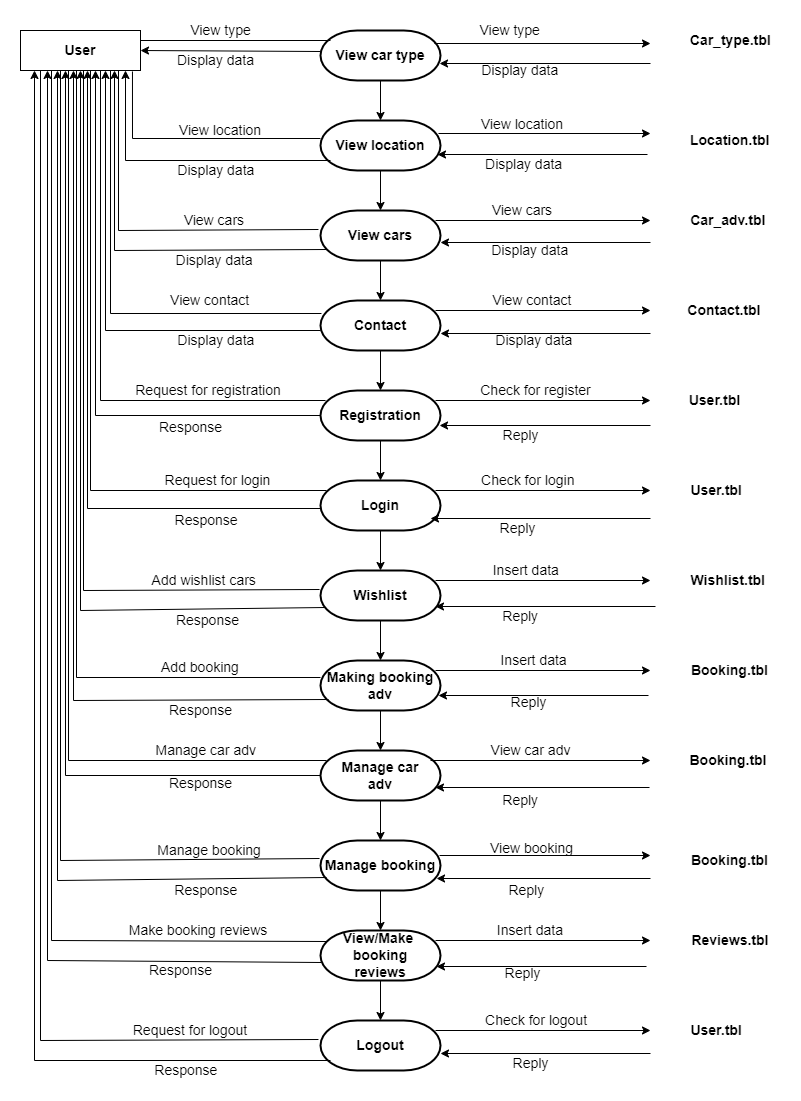
****

* **Level 1**

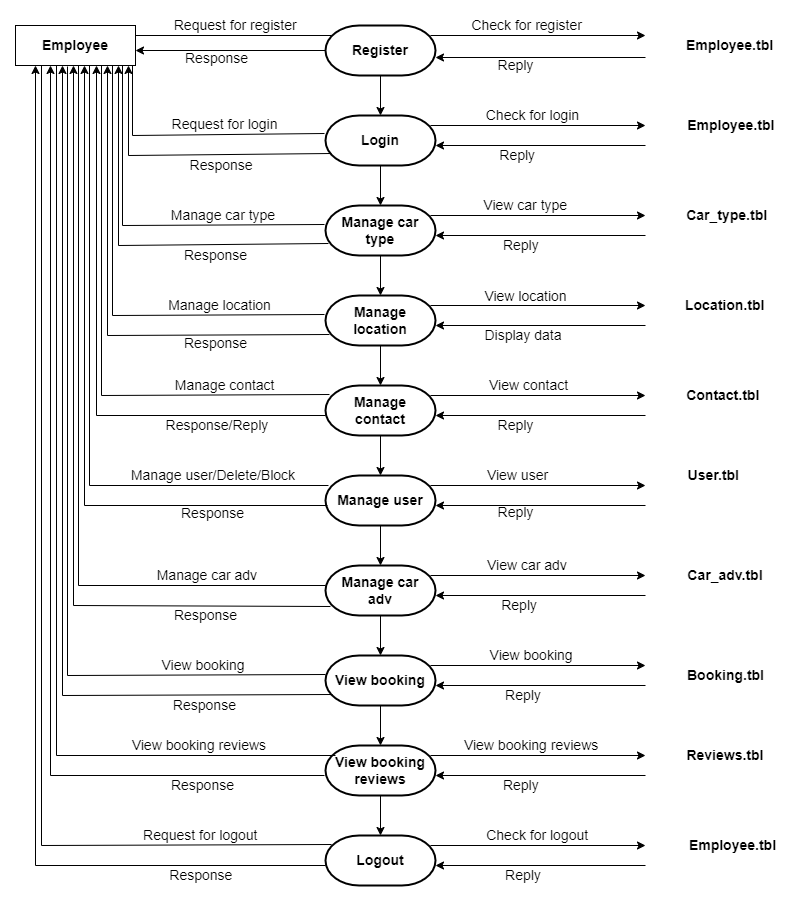
**Guest**

****

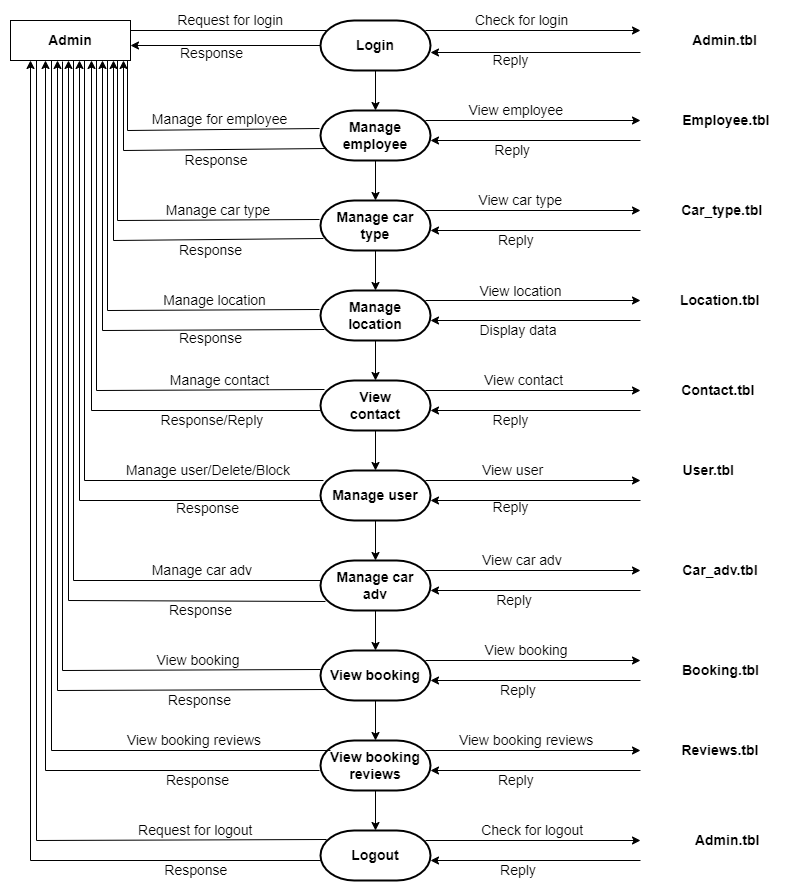
**User**

****

**Employee**

****

**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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