Name=Prem Khatri

create database espiredatabase;

use espiredatabase;

//Creating User Table

create table User(username varchar(25) primary key,password varchar(25) NOT NULL,role varchar(25) NOT NULL, CHECK('ADMIN'AND'PASSENGER'));

select * from User;

desc User;

//Creating Cab Table

create table Cab(cabNo int primary key,driverId int UNIQUE NOT NULL,cabModel varchar(20) NOT NUll,cabColor varchar(20) NOT NULL,availibility varchar(20) NOT NULL,CHECK('YES' AND 'NO'));

select * from Cab;

desc Cab;

//Creating Passenger Table

create table Passenger(passengerId int primary key, passengerName varchar(25) NOT NULL, passengerPhone varchar(25) NOT NULL, passengerEmail varchar(25) NOT NULL);

select * from Passenger;

desc Passenger;

//Creating Booking Table

create table Booking(bookingId int primary key,bookingDateTime timestamp not null,cabNo int ,foreign key(cabNo) references Cab(cabNo),passengerId int,foreign key(passengerId)references Passenger(passengerId),bookingStatus varchar(25) NOT NULL,CHECK('COMPLETED'and'ONGOING'and'CANCELLED'));

select * from Booking;

desc Booking;

//Create Table Structure

user
- 🔑 username VARCHAR(25)
- 🔹 password VARCHAR(25)
- 🔹 role VARCHAR(25)

Indexes ▶

passenger
- 🔑 passengerId INT
- 🔹 passengerName VARCHAR(25)
- 🔹 passengerPhone VARCHAR(25)
- 🔹 passengerEmail VARCHAR(25)

Indexes ▶

booking
- 🔑 bookingId INT
- 🔹 bookingDateTime TIMESTAMP
- 🔸 cabNo INT
- 🔸 passengerId INT
- 🔹 bookingStatus VARCHAR(25)

Indexes ▶

cab
- 🔑 cabNo INT
- 🔹 driverId INT
- 🔹 cabModel VARCHAR(20)
- 🔹 cabColor VARCHAR(20)
- 🔹 availibility VARCHAR(20)

Indexes ▶