create database cab;

use cab;

//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'));

desc table User;

select * from 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'));

desc table Cab;

select * from 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);

desc table Passenger;

select * from 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'));

desc table Booking;

select * from 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