Kingdom of Saudi Arabia
Ministry of Higher Education
Majmaah University
College of Science at Az-Zulfi
Department of Computer
Science & Information

المملكة العربية السعودية
وزارة التعليم
جامعة المجمعة
كلية العلوم
قسم علوم الحاسب والمعلومات

جامـعـة المجمعة
Majmaah University

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Online management and monitoring car rental platform

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Project 2

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Abstract

Nowadays, there are online car reservations which give much benefit to user.

A rental service is a service in which customers arrive to request the hire of a rental unit.

It is more convenient than carrying the cost of owning and maintaining the unit.

A car rental or car hire agency is a company that rents automobiles for short period of time for a fee whether in a few hours or a few days or week.

It is an extended form of a rental shop, often organized with numerous local branches (which allow a user to return a vehicle to a different location), and primarily 'located near airports or busy city areas and often complemented by a website allowing online reservations.

Car rental agencies primarily serve people who have a car that is temporarily out Of reach or out of service, for example travelers who are out of town or owners of damaged or destroyed vehicles who are awaiting repair or insurance compensation.

Because of the variety of sizes of their vehicles, car rental agencies may also serve the self-moving industry needs, by renting vans or trucks, and in certain markets other types of vehicles such as motorcycles or scooters may also be offered.

In short, It is a system design specially for large, premium and small car rental business.

The car rental system provides complete functionality of listing and booking car.

Chapter 1

1.1   INTRODUCTION

The administrator will register for staff and driver who works in the company, but client will register by their own. The client can login to the system with the internet. Client can search the type of car for their need to make booking of the specific car. When client choose the car, system will list out the car details and the bill to print. Car Rental Management System (CRMS) give a security to the confidential data. It's also preventing staff from make minor or major mistakes during managing the data.

1.2   PROBLEM STATEMENT

The Process on searching the client details is slow if the company is using manual system and there are thousands of clients. Besides that, staffs have to record the booking manually and it is difficult to produce a monthly report or an annual report. Manual system does not allow client to booking online and hard to keep track on the record of rental cars.

1.3   THIS PROBLEM CAN BE SUMMARIZED AS FOLLOWS:

1. A lack of good services in that company.

2. At that time, I thought about going to other rent car but I don't know how much I pay and what the company need of me like papers or any guarantee to give me the car.

4. I thought in create a mobile-application that helps people to search about the cars and booked one.

1.4   OBJECTIVES

1. To transform the manual process of hiring car to a computerize system.

2. To validate the Rental Car system using user satisfaction test.

 3. To produce the documentation such as Software Requirement Specification (SRS), Software Design Description (SDD) as system development references.

1.5 FEASIBILITY STUDY

<div dir="rtl">

نظام لتأجير السيارات

1. كيف ترى الفرق بين النظام الحالى المتبع فى تاجير السيارات والنظام الرقمى

- ☐ النظام الدفترى يحقق السرية والامان
- ☐ النظام الرقمى يضمن السهولة والتيسير ويختصر التفاصيل الكثيره
- ☐ النظام الدفترى له مخاطر مخاطر كثيره على المستاجر
- ☐ النظام الرقمى له مخاطر كثيره على صاحب السياره

2. ماهو انسب نظام لتأجير السيارات من وجهة نظرك

- ☐ نظام الشركات
- ☐ النظام الفردى
- ☐ نظام التأجير الشهرى
- ☐ نظام التاجير طويل الامد

<div align="center">

إنهاء الاستبيان

</div>

1. ما رأيك في فكرة موقع تأجير سيارات الكتروني ؟

إجمالي الإجابات	نسبة الإجابات				
5	45.45%	🟥		ممتاز 1–	1
4	36.36%	🟨		جيدة 2–	2
3	27.27%	🟦		سيئة 3–	3
3	27.27%	🟩		لا تهمني 4–	4

11	تم الإجابة عليه	57.58	معدل الرضا	1.63	انحراف معياري	3.09	متوسط	تحليل
0	تم تخطيه	0.49			خطأ معياري	2.65	الخلاف	

2. هل تؤيد تطبيق الفكرة ؟

إجمالي الإجابات	نسبة الإجابات			
5	45.45%	🟥		اوافق بشدة 1–
6	54.55%	🟨		اوافق 2–
4	36.36%	🟦		لا اوافق 3–

11	تم الإجابة عليه	63.64	معدل الرضا	1.22	انحراف معياري	2.64	متوسط	تحليل
0	تم تخطيه	0.37			خطأ معياري	1.49	الخلاف	

</div>

إجمالي الإجابات	نسبة الإجابات			في حال تطبيق الفكرة هل تستخدم الموقع ؟ .3
8	72.73%		نعم 1-	1
4	36.36%		لا 2-	2
11	تم الإجابة عليه	36.36	معدل الرضا: 0.51	انحراف معياري: 1.45	متوسط: **تحليل**
0	تم تخطيه	0.15		خطأ معياري: 0.26	اختلاف:

1.6   PROJECT SCHEDULING

إجمالي الإجابات	نسبة الإجابات			هل تتوقع ان الموقع يوفر عليك الوقت والجهد ؟ .4
7	63.64%		نعم 1-	1
4	36.36%		لا 2-	2
11	تم الإجابة عليه	36.36	معدل الرضا: 0.48	انحراف معياري: 1.36	متوسط: **تحليل**
0	تم تخطيه	0.15		خطأ معياري: 0.23	اختلاف:

ID	Task Name	Duration (months)	Jan 2018				Feb 2018				Mar 2018				Apr 2018				May 2018				Jun 2018				Jul 2018				Aug 2018				Sep 2018			
			1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W	1W	2W	3W	4W
1	Analysis	1					4 Weeks																															
2	Design	2							8 Weeks																													
3	Coding	3									12 Weeks																											
4	Testing	3													12 Weeks																							
5	Publishing	4																	16 Weeks																			

2 Chapter 2

2.1 INTRODUCTION

CRMS improve the searching speed of staffs, drivers and client's details for the user because user can insert key word to search them. Besides that, Admin can get benefit because it manages the booking of cars by show available cars for client and always records every single booking to easy the company report so that admin can just print the report. Admin also does not have to calculate the profit for cars owner because the system will produce report and calculate the profit sharing. CRMS also give client benefit because allow them make booking at anywhere and anytime before they want it. Lastly car owner get benefit by every rental from the company from profit sharing.

2.2 PURPOSE

CRMS expected to be well managing car booking system. There should not have any errors occur on the financial part and it can generate report in simplest form for administrative purpose.

2.3 SCOPE

The system that is going to be developed is known as the CRMS whereas the system is a web based application system. The main users of this system are administrator, client (Renter) and staff. This system also includes yearly and monthly car rental report. There are seven modules in the CRMS. The modules are:

1. Client Information User can register, login, view and update client information.

2. Staff Information There are two users that are admin and staff. Admin can add, view, update and delete staff information, while staff only can view and update staff information.

3. Car Information Admin and staff can add, view, update and delete car information.

4. Booking Management Client can add booking information while admin will update booking information.

5. Renting Out User can update rental information status to renting out and system will record the time and staff who take the car.

6. Returning User can update rental information status to return and system will record the time and record the car is being returned.

7. Report Producing the reports associated with the renting car.

The system is a multi-user system since it is used by different groups of users. It is developed to be used on any operating system platform. The database system that is going to be built for the system is using sql server. The methodology for developing this project is Software Development Live Cycle (SDLC). Besides that, the system is going to use the Wide Area Networking (WAN) where it can connect to people around the world. Therefore, the operation between users that involved distances can be easily done and managed.

2.4   OVERVIEW OF DOCUMENT

Manual System:

i.   Difficulties in checking vehicle status whether the vehicle is being used, repaired or available for rental.
ii.   Client does not know the detailed information about the car that they had rent.
iii.   Mistakes in giving vehicle to the correct client due to data redundancies that occurred because of the manual way are high. iv. Difficulties in referring to the previous data had been recorded since all the checking is done manually.
iv.   Searching client details are fast and easy.

System to be:

i.   Provide convenient to user to do the car rental process.
ii.   Customer can make vehicle rental anytime without relying to certain rules such as office hour.

2.5   PROJECT METHODOLOGY

The SDLC method will be used to defining tasks performed at each step in the software development process. SDLC is a structure followed by a development team within the software organization. It consists of a detailed plan describing how to develop, maintain and replace specific software. The life cycle defines a methodology for improving the quality of software and the overall development process. The activities of the SDLC are planning, implementation, testing, documentation, deployment and maintenance and maintaining.

2.6

2.6.1 i. Planning

2.7

Gathering Cars Online Company's requirement and analyses the requirement by software engineers. After the requirements are gathered, a scope document is created in which the scope of the project is determined and documented.

2.8

2.8.1 ii. Implementation

2.9

Implement CRMS by using asp as programming language and sql server as the database.

2.10

2.10.1 iii. Testing

2.11

Finding defects or bugs by some software tester.

2.12

2.12.1 iv. Documentation

2.13 PRODUCT FUNCTIONS

With the proposed website and mobile app, the users will be able to search for cars. The result will be based on the criteria the user inputs. There are several search criteria and it will be possible for the administrator of the system to manage the options for those criteria that have that. The result of the search will be viewed either in a list view depending on what criteria included in the search.

The list view will have one list item for each car matching the search criteria and show a small part of the car information so the user can identify the car. The 4 map view will show each the warehouse location as a pin on the map as well as the user's own location. In both views the users will be able to either select a car as target destination or get information how to get there, or view the information of a specific car. The web portal will provide functionality to manage the system and the company information. It will also provide information about the system, for example show when there is a new update.

2.14   USER CHARACTERISTICS

These two types of users has different use of the system so each of them has their own requirements. The website portal users can only use the website to find a car. This means that the user have to be able to search for cars, choose a car from that search and then navigate to it. In order for the users to get a relevant search result there are multiple criteria the users can specify and all results matches all of those. The administrators also only interact with the web portal. They are managing the overall system so there is no incorrect information within it. The administrator can manage the information for each hospital as well as the options for both the website portal users.

2.15   CONSTRAINTS

The Internet connection is also a constraint for the website. Since the website fetches data from the database over the Internet, it is crucial that there is an Internet connection for the website to function. The web portal will be constrained by the capacity of the database

2.16   ASSUMPTIONS AND DEPENDENCIES

One assumption about the product is that it will always be used on computer or mobile phones that have enough performance. If the computer or phone does not have enough hardware resources available and software for the website-portal. For example the users might have allocated them with website, must be the Google-map site work and Browser supports JavaScript, flash player to display allocation for customer using embed Google-map.

2.17   APPORTIONING OF REQUIREMENTS

In the case that the project is delayed, there are some requirements that could be transferred to the next version of the website-portal. Those requirements are to be developed in the next release.

2.18   SPECIFIC REQUIREMENTS

This section contains all of the functional and quality requirements of the system. It gives a detailed description of the system and all its features.

2.19   EXTERNAL INTERFACE REQUIREMENTS

This section provides a detailed description of all inputs into and outputs from the system. It also gives a description of the hardware, software and communication interfaces and provides basic prototypes of the user interface.

2.20 PROJECT PROFILE

Project Name	Online car rental system
Objective	It is a system design specially for large, Premium and small car rental Business The car rental system provides complete functionality of listing and booking car. In this system, Tourism and Travelling Facilities also provide.
Platform	Website, android app
Front End	Asp . NET 4.0 with c#, java for mobile
Back End	Microsoft Sql Server 2016
Other Tools	MS Office 2007 , Crystal Report ,Visio 2010
Project Duration	120days

2.21 HARDWARE INTERFACES

RAM	4 G
Hard disk	10 GB
Processor	3.6 GHz

2.22 SOFTWARE INTERFACES

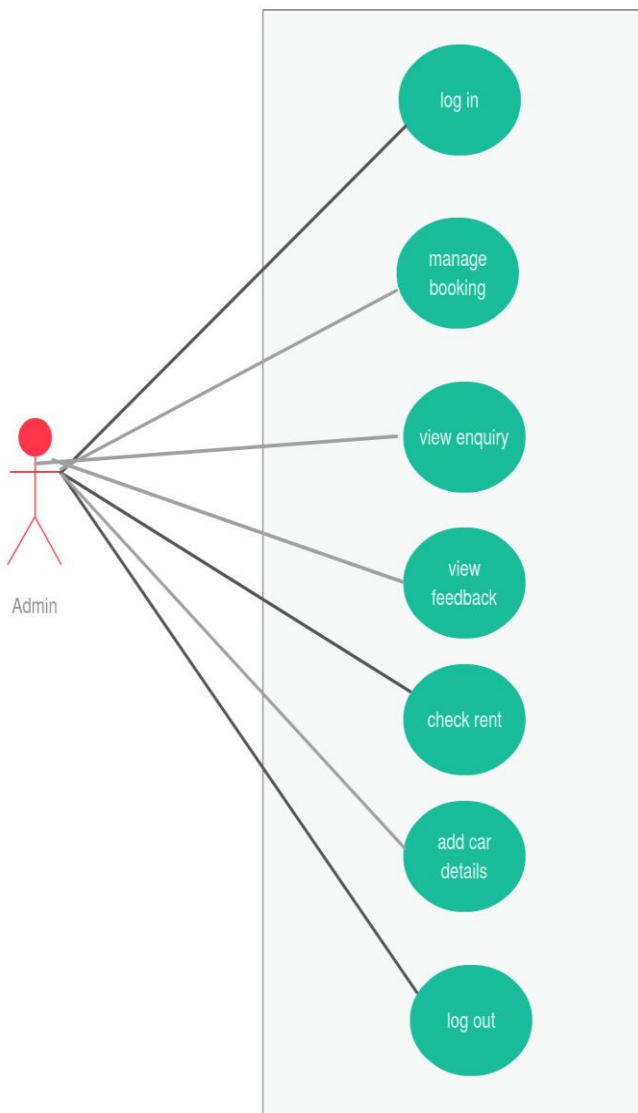| Web Server	IIS 7.5
Framework	.NET 4.0 with C#
Database Server	MS SQL Server 2016
Web Browser	Internet Explorer 10 or any compatible browser
Operating System	Windows Server 2012

3 Chapter 3
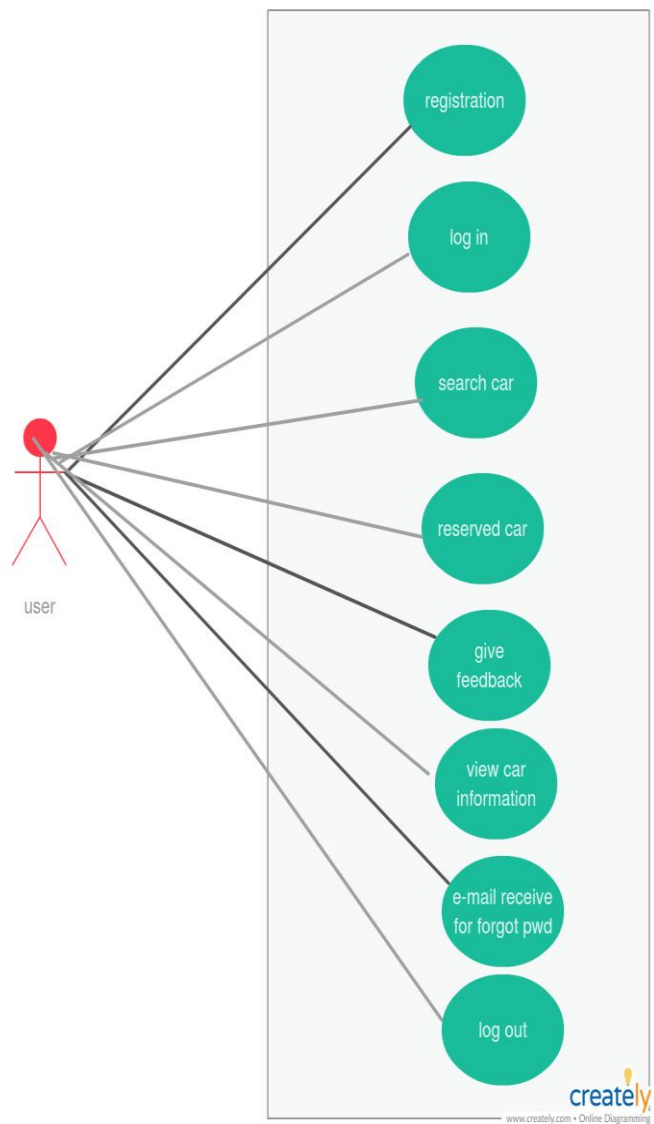
3.1 SYSTEM UML DIAGRAM 1(1)
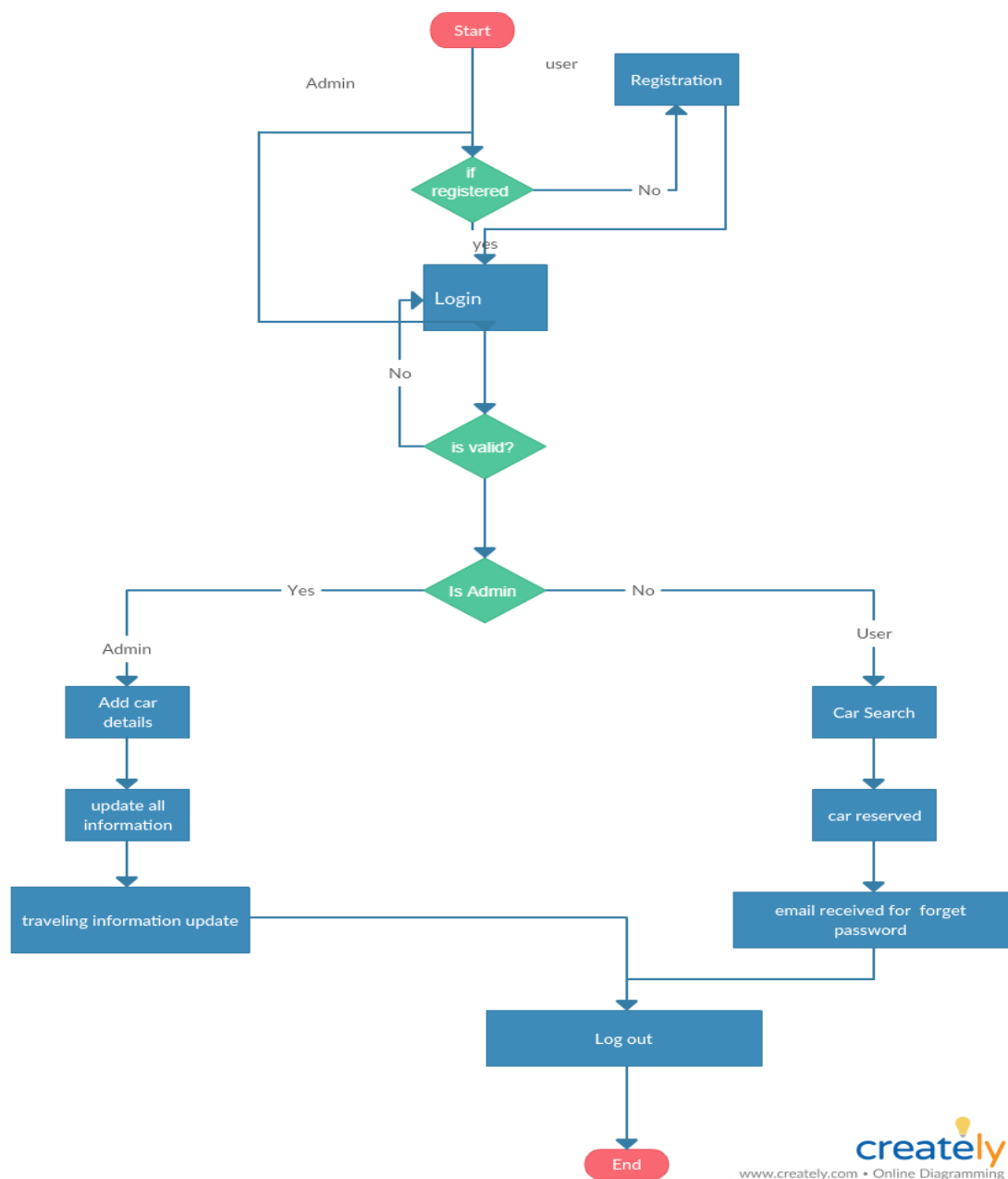
SYSTEM FLOWCHAT
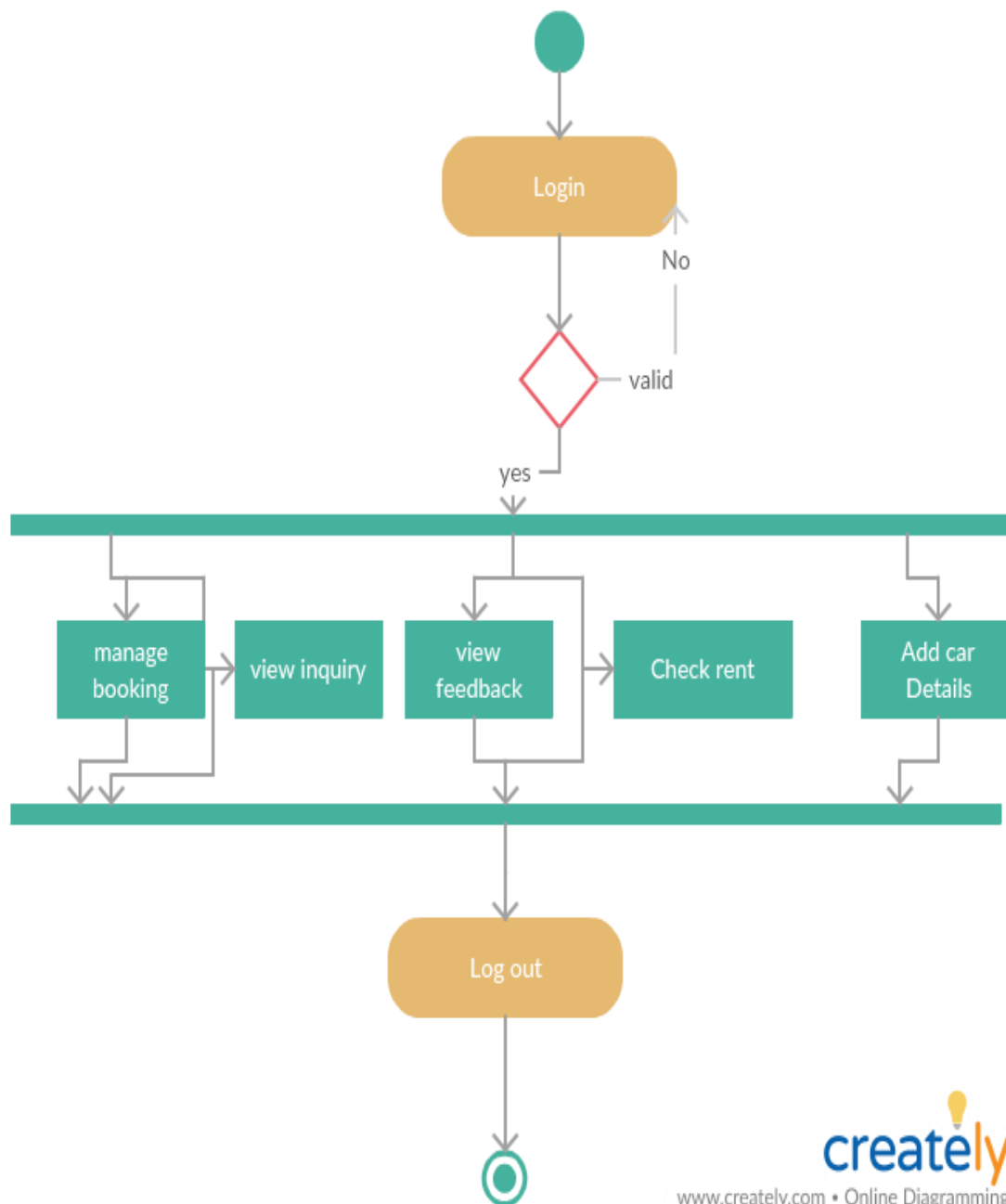
3.1.1   Use Case Diagram 1(1)
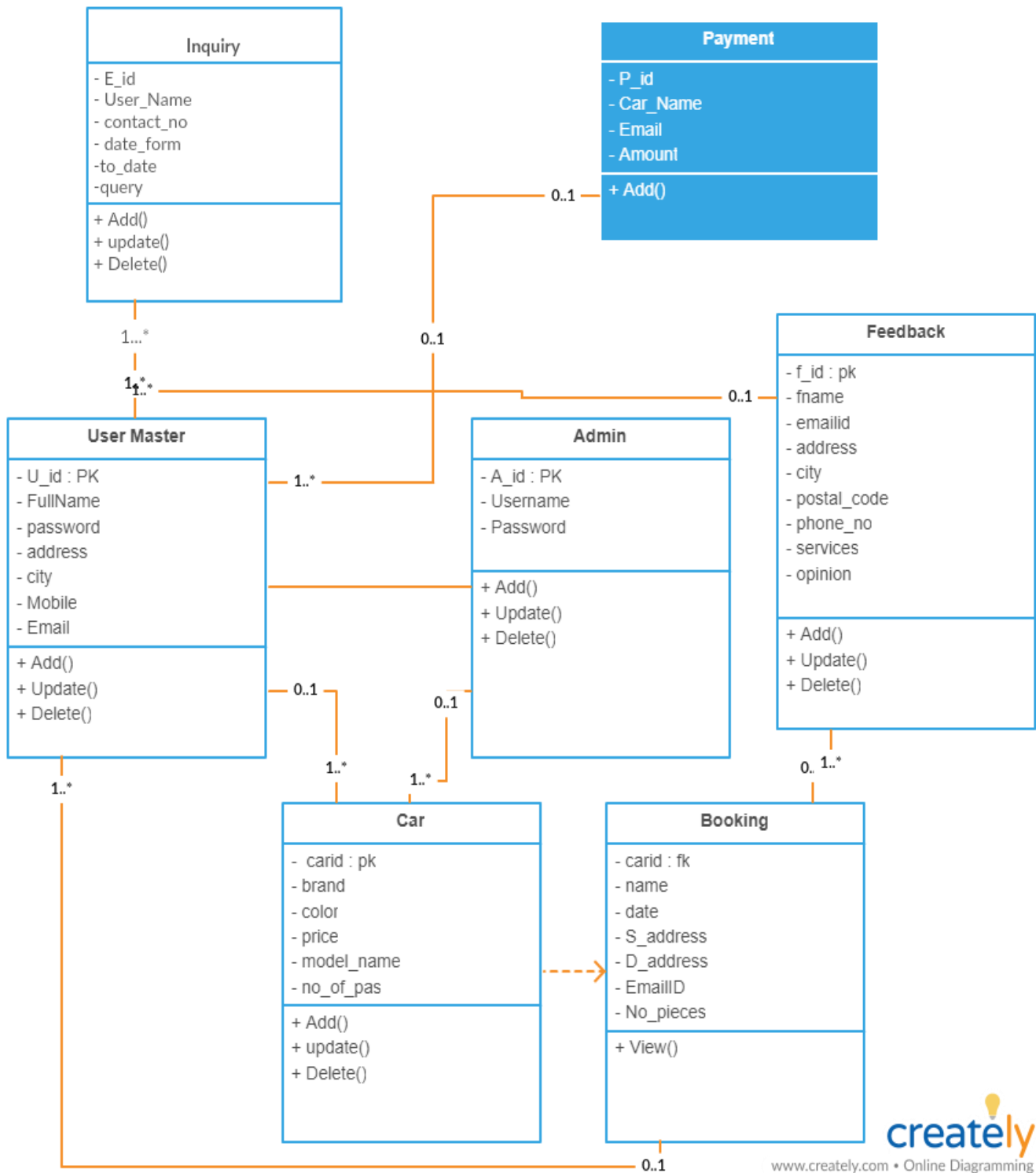

use case diagram for admin

use case diagram for user

Activity Diagram 1(1)

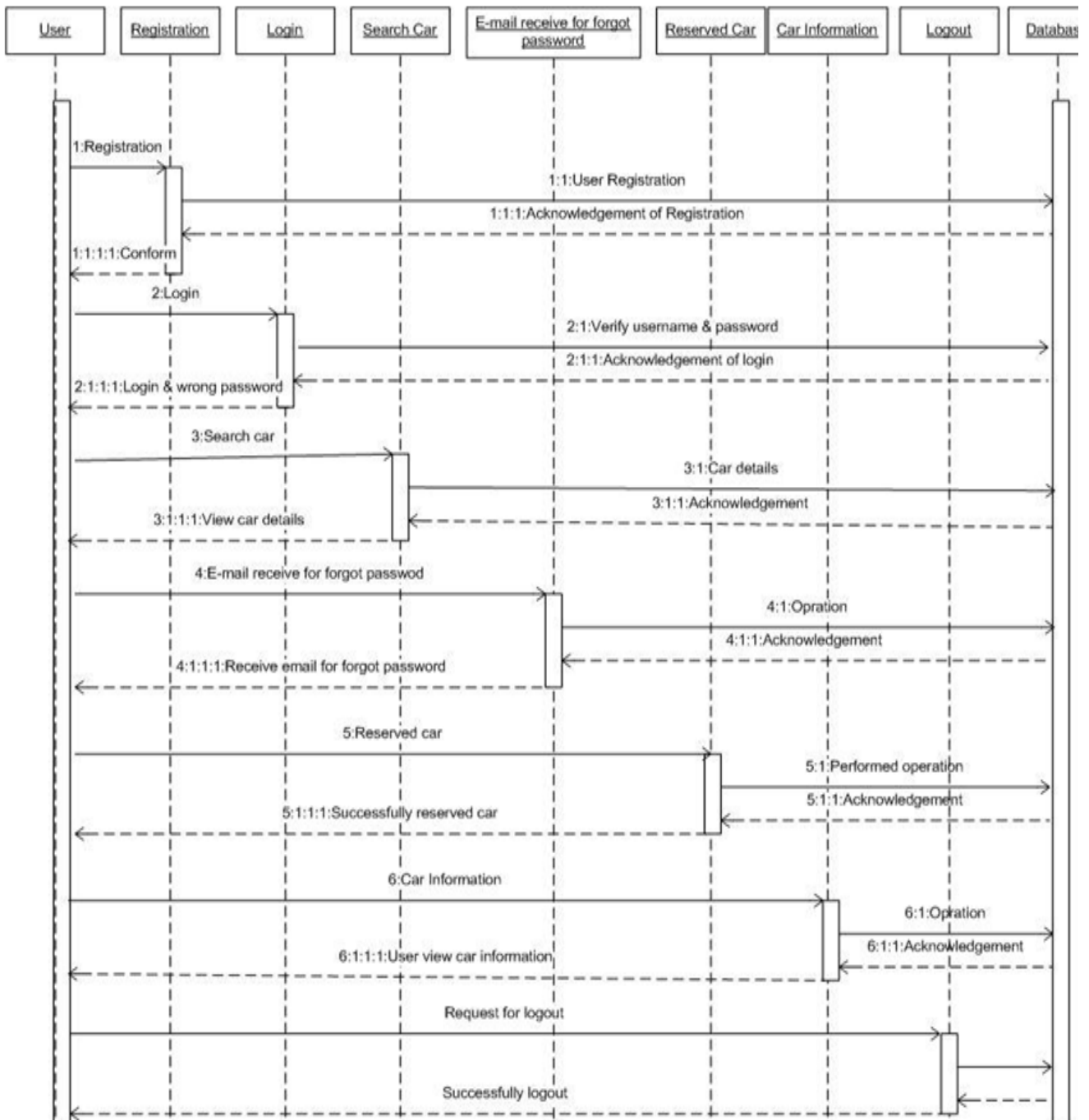Login

No

valid

yes

manage booking | view inquiry | view feedback | Check rent | Add car Details

Log out

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3.3 CLASS DIAGRAM 1(1)

Inquiry
- E_id
- User_Name
- contact_no
- date_form
- to_date
- query

+ Add()
+ update()
+ Delete()

Payment
- P_id
- Car_Name
- Email
- Amount

+ Add()

Feedback
- f_id : pk
- fname
- emailid
- address
- city
- postal_code
- phone_no
- services
- opinion

+ Add()
+ Update()
+ Delete()

User Master
- U_id : PK
- FullName
- password
- address
- city
- Mobile
- Email

+ Add()
+ Update()
+ Delete()

Admin
- A_id : PK
- Username
- Password

+ Add()
+ Update()
+ Delete()

Car
- carid : pk
- brand
- color
- price
- model_name
- no_of_pas

+ Add()
+ update()
+ Delete()

Booking
- carid : fk
- name
- date
- S_address
- D_address
- EmailID
- No_pieces

+ View()

0..1   0..1   1..*   1..*   1..*   0..1   0..1

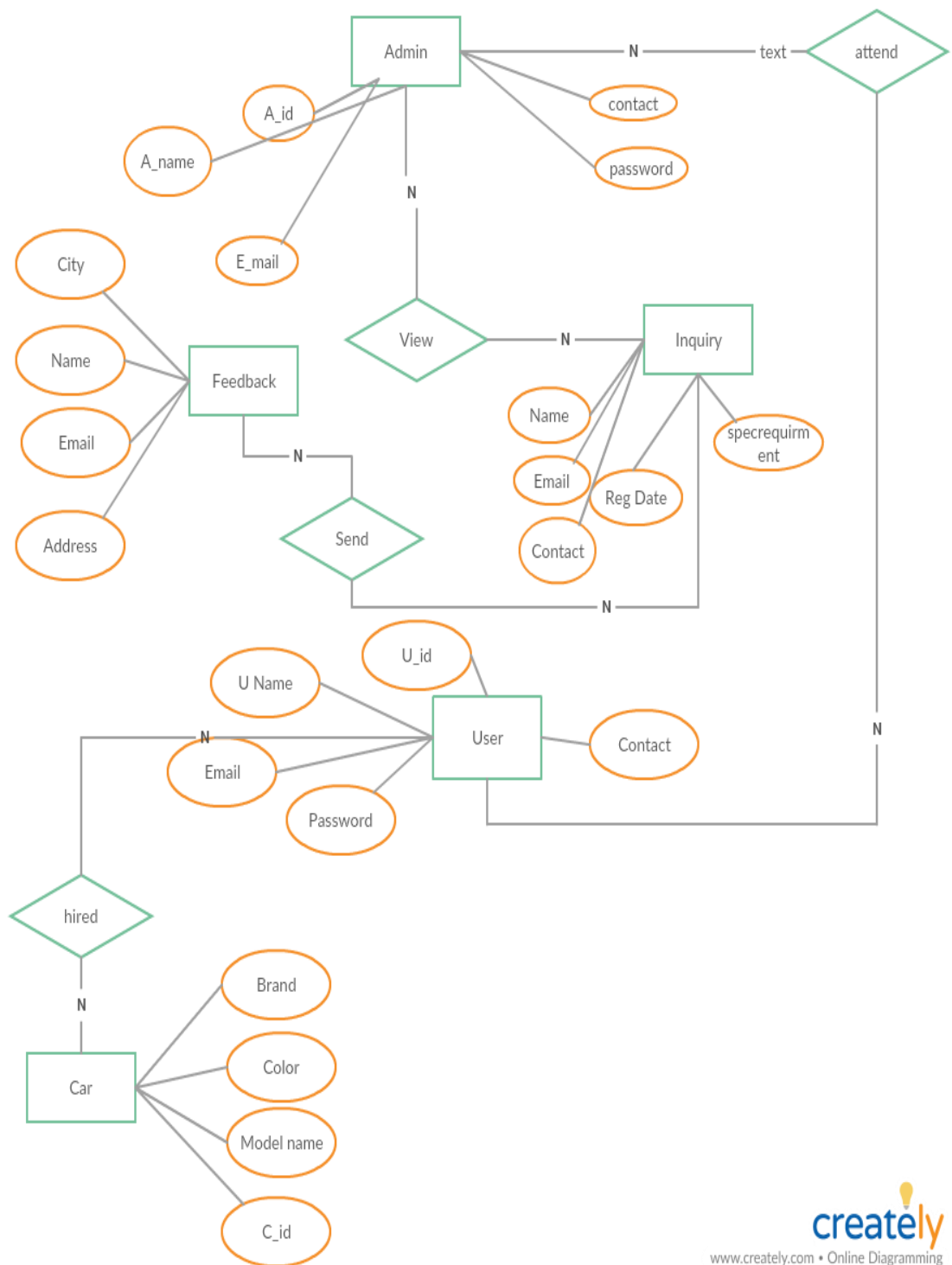creately
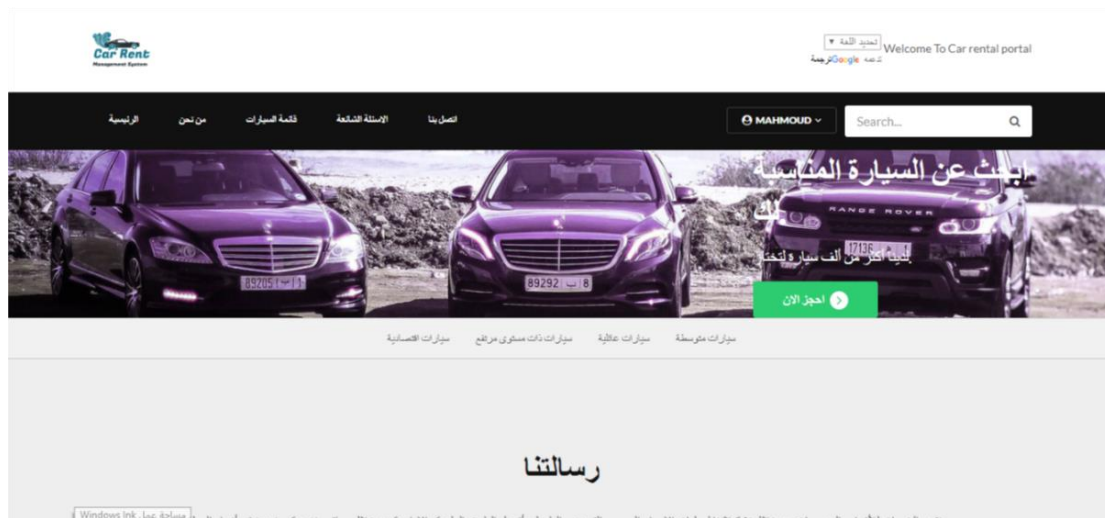www.creately.com • Online Diagramming

3.4 SEQUENCES DIAGRAM 1(1)

ER Diagram

4 Chapter4
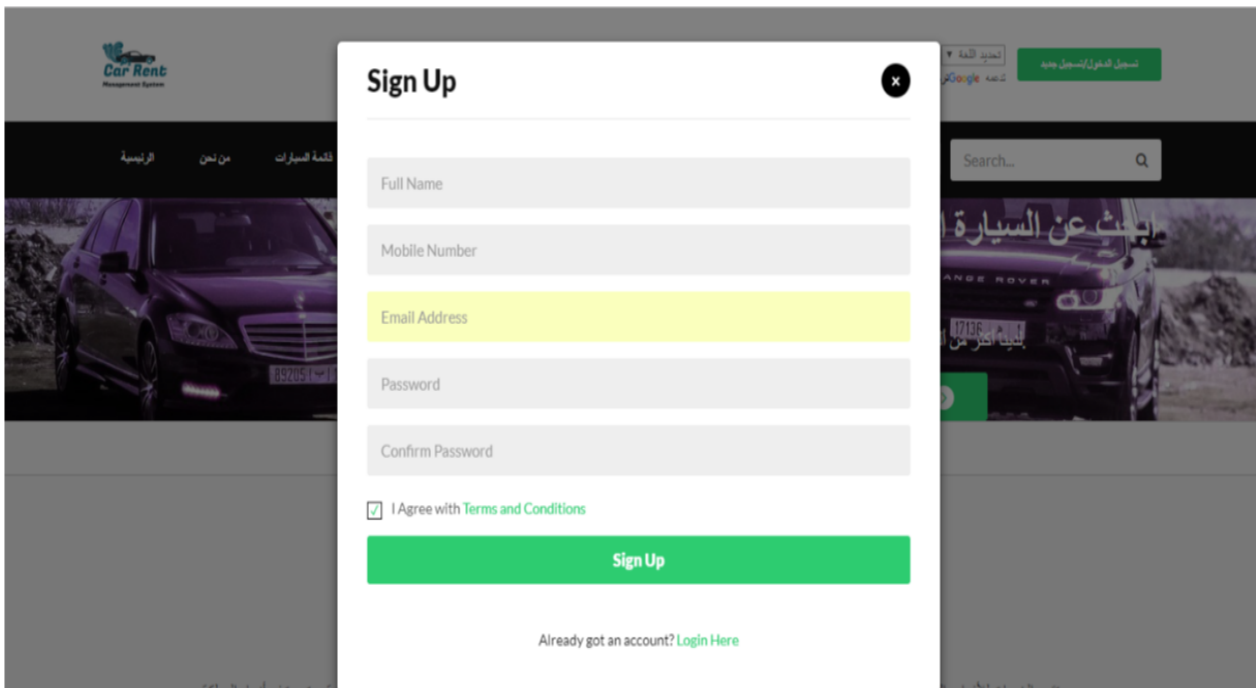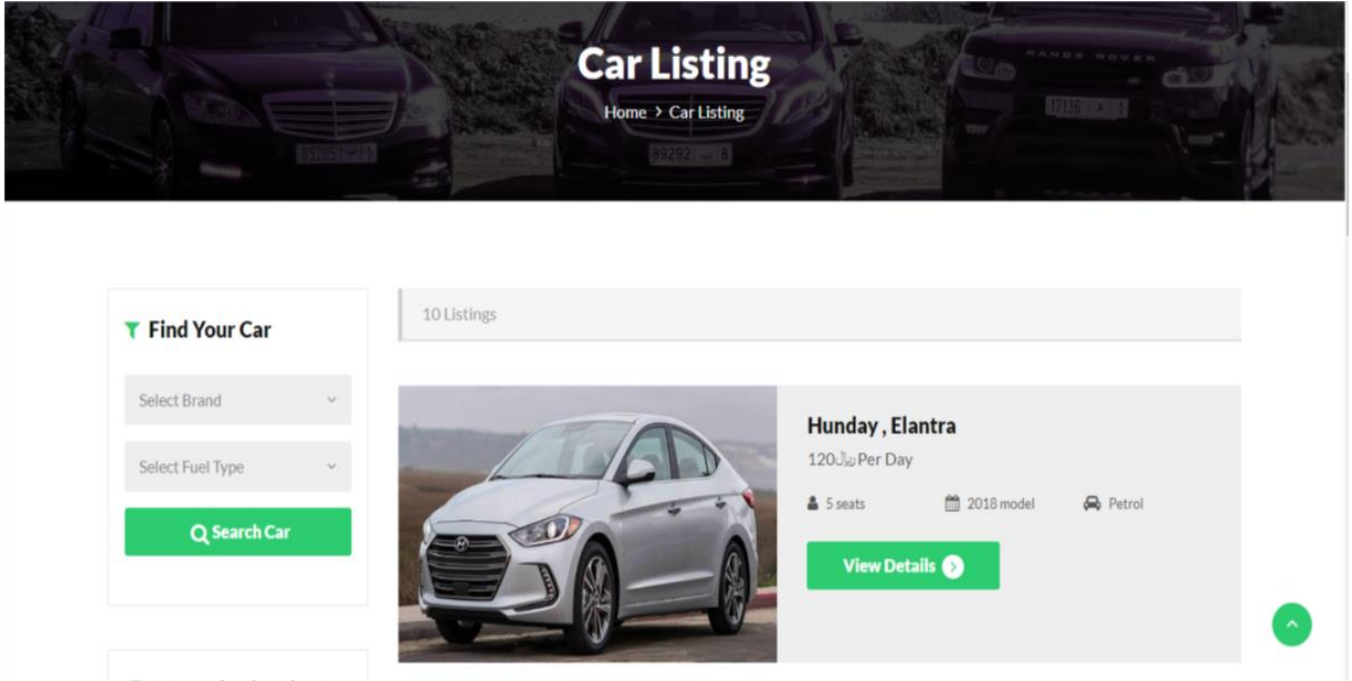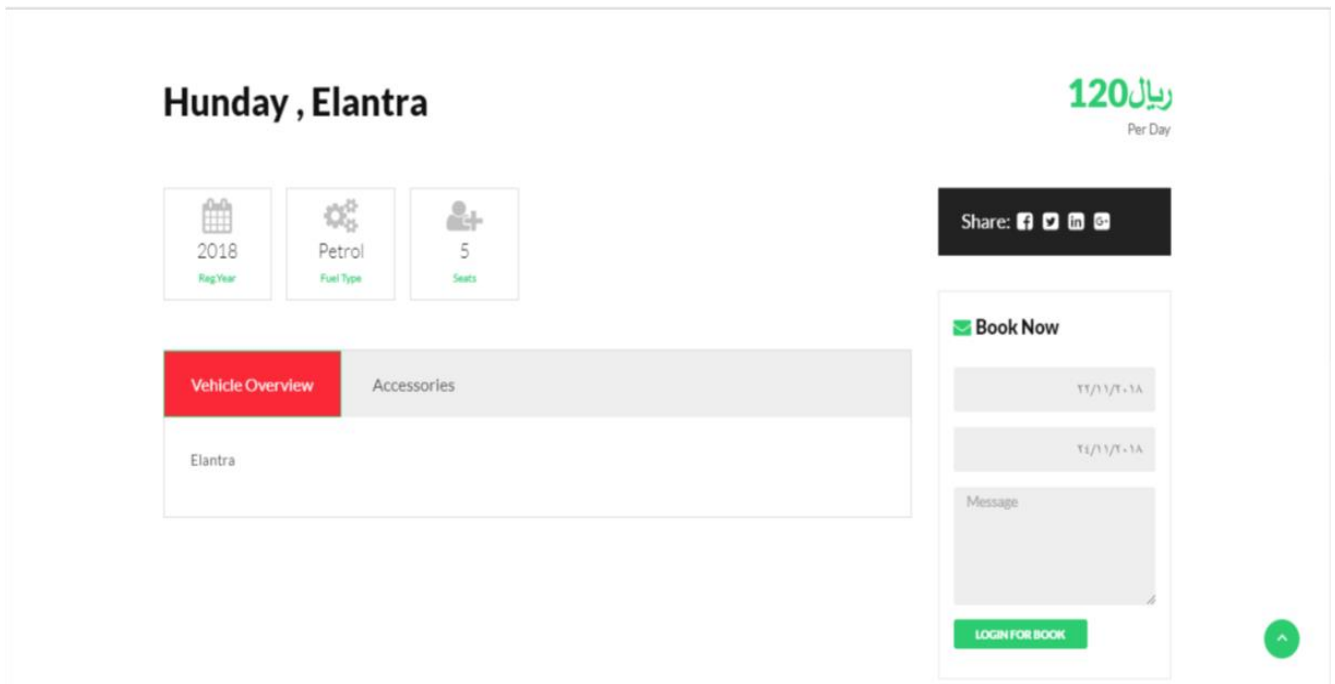
4.1 HOME PAGE

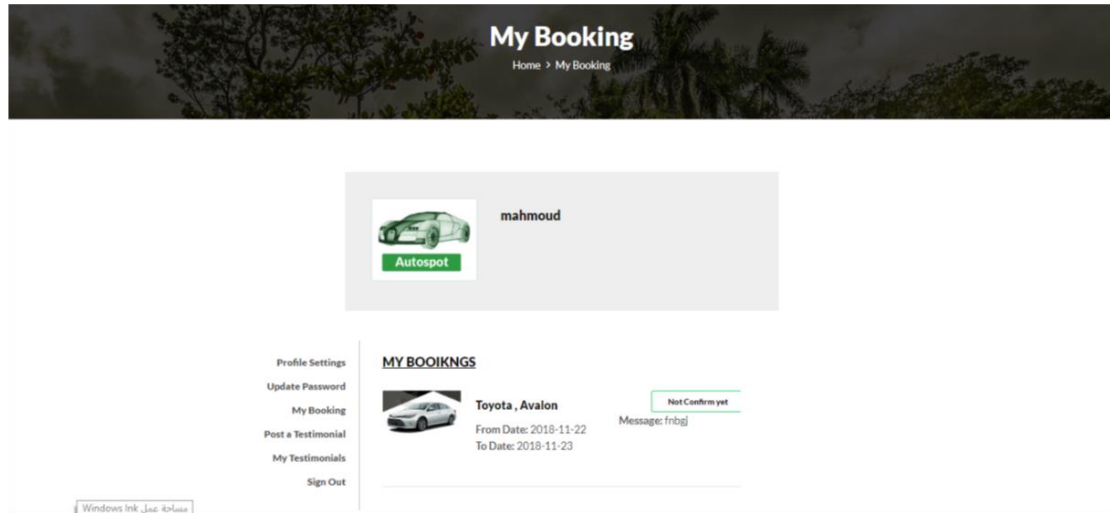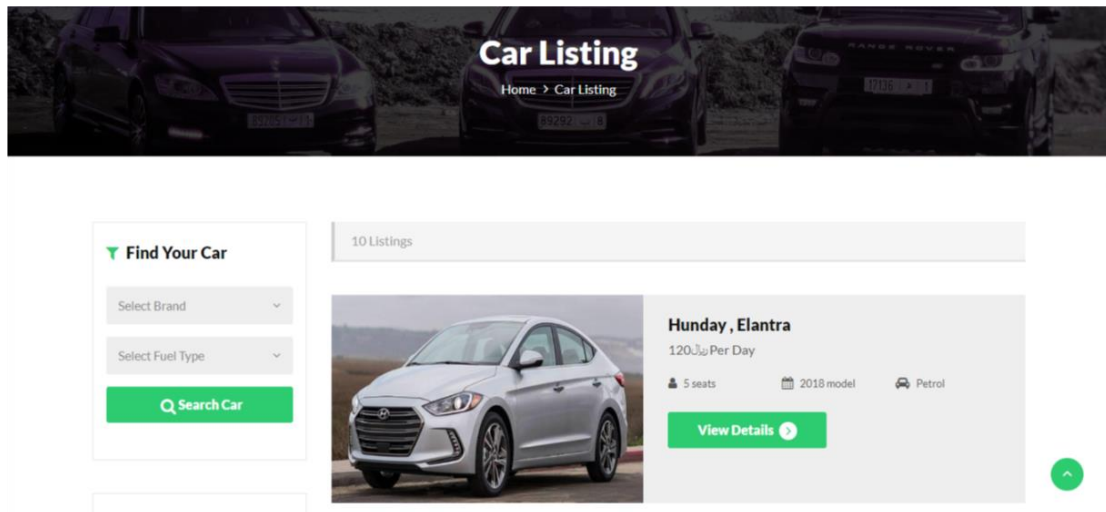## 4.2 LOGIN PAGE:
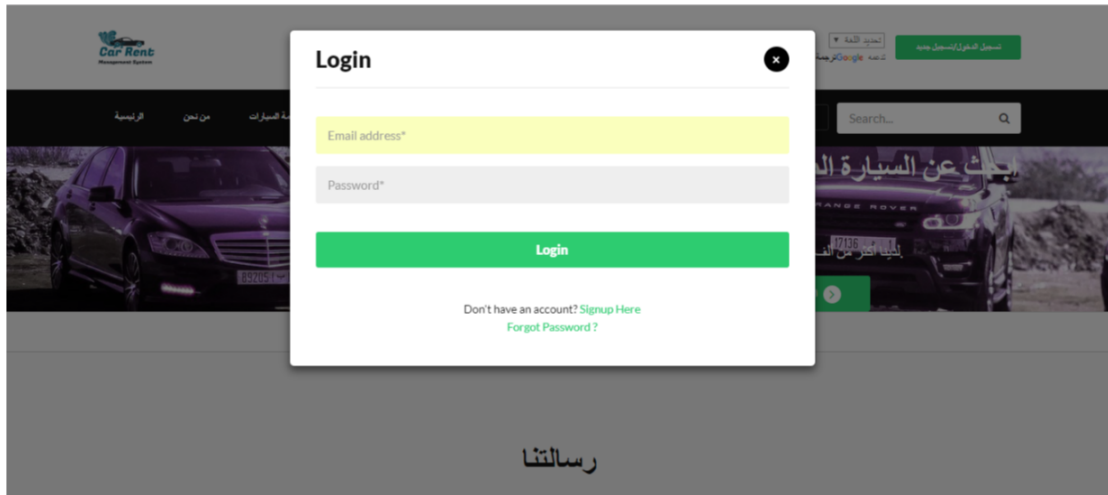
4.3   SIGNUP PAGE:
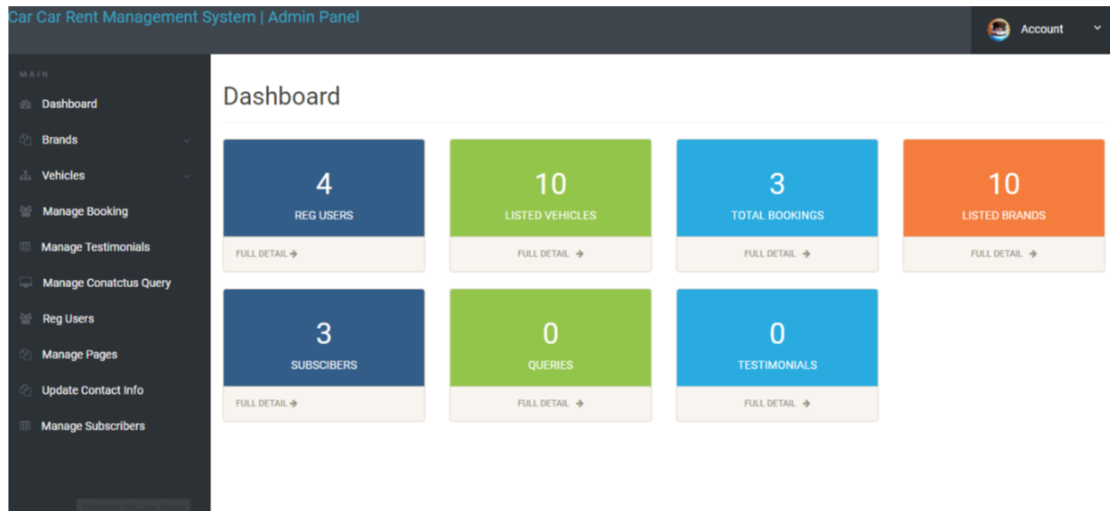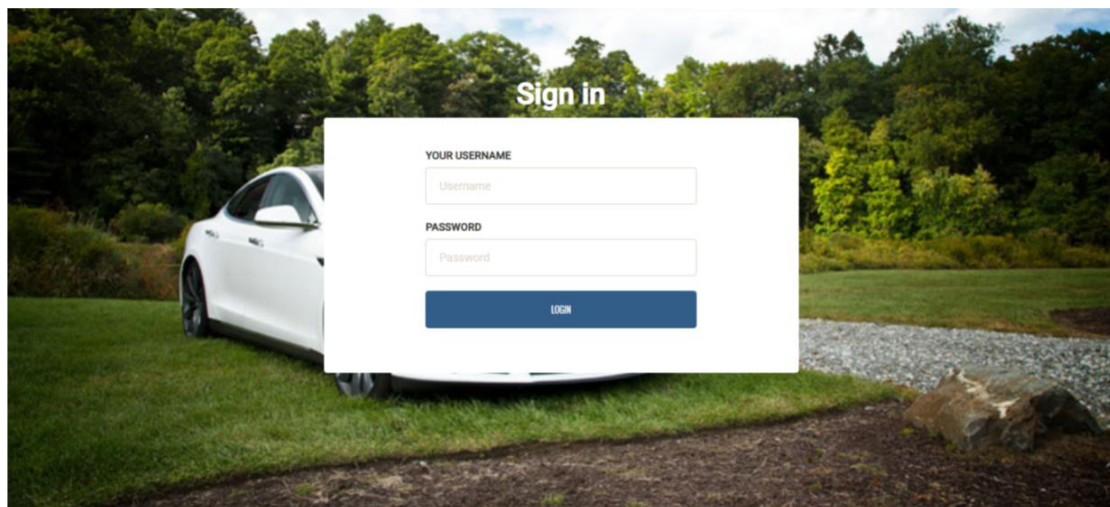
4.4   CAR LIST PAGE

4.5   RENTAL NEW CAR PAGE:

4.6   BOOKING PAGE

4.7   car listing

4.8 ADMIN PAGE

4.9 SIGN IN ADMIN

4.10 CREATE BRAND

4.11 MANAGE BRANDS

4.12 POST A VEHICLE

Registered Users

Admin

الجدول ▲	العملية	صفوف ⓘ	النوع	Collation	الحجم	الحمل الزائد
☐ admin	★ استعراض بناء إبحث إدخال إفراغ سقط	2	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
☐ tblbooking	☆ استعراض بناء إبحث إدخال إفراغ سقط	0	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
☐ tblbrands	★ استعراض بناء إبحث إدخال إفراغ سقط	0	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
☐ tblcontactusinfo	☆ استعراض بناء إبحث إدخال إفراغ سقط	0	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
☐ tblcontactusquery	★ استعراض بناء إبحث إدخال إفراغ سقط	0	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
☐ tblpages	★ استعراض بناء إبحث إدخال إفراغ سقط	0	MyISAM	latin1_swedish_ci	1 كيلوبايت	-
☐ tblsubscribers	☆ استعراض بناء إبحث إدخال إفراغ سقط	0	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
☐ tbltestimonial	★ استعراض بناء إبحث إدخال إفراغ سقط	0	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
☐ tblusers	★ استعراض بناء إبحث إدخال إفراغ سقط	0	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
☐ tblvehicles	★ استعراض بناء إبحث إدخال إفراغ سقط	0	InnoDB	latin1_swedish_ci	16 كيلوبايت	-
10 جدول (جداول)	المجموع	2	InnoDB	utf8_general_ci	145 كيلوبايت	0 بايت

table contacts query

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	إضافي	التعليقات	العملية
1	☐ id	int(11)			لا	لا شيء			تغيير سقط أكثر
2	☐ name	varchar(100)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
3	☐ EmailId	varchar(120)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
4	☐ ContactNumber	char(11)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
5	☐ Message	longtext	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
6	☐ PostingDate	timestamp			لا	CURRENT_TIMESTAMP			تغيير سقط أكثر
7	☐ status	int(11)			نعم	NULL			تغيير سقط أكثر

table pages

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	إضافي	التعليقات	العملية
1	☐ id	int(11)			لا	لا شيء			تغيير سقط أكثر
2	☐ PageName	varchar(255)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
3	☐ type	varchar(255)	latin1_swedish_ci		لا				تغيير سقط أكثر
4	☐ detail	longtext	latin1_swedish_ci		لا	لا شيء			تغيير سقط أكثر

tablet

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	إضافي	التعليقات	العملية
1	☐ id	int(11)			لا	لا شيء			تغيير سقط أكثر
2	☐ UserEmail	varchar(100)	latin1_swedish_ci		لا	لا شيء			تغيير سقط أكثر
3	☐ Testimonial	mediumtext	latin1_swedish_ci		لا	لا شيء			تغيير سقط أكثر
4	☐ PostingDate	timestamp			لا	CURRENT_TIMESTAMP			تغيير سقط أكثر
5	☐ status	int(11)			نعم	NULL			تغيير سقط أكثر

Table user

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	التعليقات إضافي	العملية
1	id	int(11)			لا	لا شيء		تغيير سقط أكثر
2	FullName	varchar(120)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
3	EmailId	varchar(100)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
4	Password	varchar(100)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
5	ContactNo	char(11)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
6	dob	varchar(100)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
7	Address	varchar(255)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
8	City	varchar(100)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
9	Country	varchar(100)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
10	RegDate	timestamp			نعم	CURRENT_TIMESTAMP		تغيير سقط أكثر
11	UpdationDate	timestamp		on update CURRENT_TIMESTAMP	نعم	NULL	ON UPDATE CURRENT_TIMESTAMP	تغيير سقط أكثر

Table vehicles

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	التعليقات إضافي	العملية
1	id	int(11)			لا	لا شيء		تغيير سقط أكثر
2	VehiclesTitle	varchar(150)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
3	VehiclesBrand	int(11)			نعم	NULL		تغيير سقط أكثر
4	VehiclesOverview	longtext	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
5	PricePerDay	int(11)			نعم	NULL		تغيير سقط أكثر
6	FuelType	varchar(100)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
7	ModelYear	int(6)			نعم	NULL		تغيير سقط أكثر
8	SeatingCapacity	int(11)			نعم	NULL		تغيير سقط أكثر
9	Vimage1	varchar(120)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
10	Vimage2	varchar(120)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
11	Vimage3	varchar(120)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
12	Vimage4	varchar(120)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
13	Vimage5	varchar(120)	latin1_swedish_ci		نعم	NULL		تغيير سقط أكثر
14	AirConditioner	int(11)			نعم	NULL		تغيير سقط أكثر
15	PowerDoorLocks	int(11)			نعم	NULL		تغيير سقط أكثر
16	AntiLockBrakingSystem	int(11)			نعم	NULL		تغيير سقط أكثر
17	BrakeAssist	int(11)			نعم	NULL		تغيير سقط أكثر
18	PowerSteering	int(11)			نعم	NULL		تغيير سقط أكثر
19	DriverAirbag	int(11)			نعم	NULL		تغيير سقط أكثر
20	PassengerAirbag	int(11)			نعم	NULL		تغيير سقط أكثر
21	PowerWindows	int(11)			نعم	NULL		تغيير سقط أكثر
22	CDPlayer	int(11)			نعم	NULL		تغيير سقط أكثر
23	CentralLocking	int(11)			نعم	NULL		تغيير سقط أكثر
24	CrashSensor	int(11)			نعم	NULL		تغيير سقط أكثر
25	LeatherSeats	int(11)			نعم	NULL		تغيير سقط أكثر
26	RegDate	timestamp			نعم	CURRENT_TIMESTAMP		تغيير سقط أكثر
27	UpdationDate	timestamp		on update CURRENT_TIMESTAMP	نعم	NULL	ON UPDATE CURRENT_TIMESTAMP	تغيير سقط أكثر

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	إضافي	التعليقات	العملية
1	id	int(11)			لا	لا شيء			تغيير سقط أكثر
2	UserName	varchar(100)	latin1_swedish_ci		لا	لا شيء			تغيير سقط أكثر
3	Password	varchar(100)	latin1_swedish_ci		لا	لا شيء			تغيير سقط أكثر
4	updationDate	timestamp			لا	0000-00-00 00:00:00	on update CURRENT_TIMESTAMP	ON UPDATE CURRENT_TIMESTAMP	تغيير سقط أكثر

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	إضافي	التعليقات	العملية
1	id	int(11)			لا	لا شيء			تغيير سقط أكثر
2	BrandName	varchar(120)	latin1_swedish_ci		لا	لا شيء			تغيير سقط أكثر
3	CreationDate	timestamp			نعم	CURRENT_TIMESTAMP			تغيير سقط أكثر
4	UpdationDate	timestamp			نعم	NULL	on update CURRENT_TIMESTAMP	ON UPDATE CURRENT_TIMESTAMP	تغيير سقط أكثر

Table Booking

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	إضافي	التعليقات	العملية
1	id	int(11)			لا	لا شيء			تغيير سقط أكثر
2	userEmail	varchar(100)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
3	VehicleId	int(11)			نعم	NULL			تغيير سقط أكثر
4	FromDate	varchar(20)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
5	ToDate	varchar(20)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
6	message	varchar(255)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
7	Status	int(11)			نعم	NULL			تغيير سقط أكثر
8	PostingDate	timestamp			لا	CURRENT_TIMESTAMP			تغيير سقط أكثر

Table contact sinful

#	الاسم	النوع	Collation	الخواص	خالي	إفتراضي	إضافي	التعليقات	العملية
1	id	int(11)			لا	لا شيء			تغيير سقط أكثر
2	Address	tinytext	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
3	EmailId	varchar(255)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر
4	ContactNo	char(11)	latin1_swedish_ci		نعم	NULL			تغيير سقط أكثر

Chapter 5

4.9 HOME PAGE CODE

```php
<?php

session_start();

include('includes/config.php');

error_reporting(0);

?>


<!DOCTYPE HTML>

<html lang="en">

<head>

<meta http-equiv="Content-Type" content="text/html; charset=utf-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width,initial-scale=1">

<meta name="keywords" content="">

<meta name="description" content="">

<title>Car Rental Portal</title>

<!-- Bootstrap -->

<link rel="stylesheet" href="assets/css/bootstrap.min.css" type="text/css">

<link rel="stylesheet" href="assets/css/style.css" type="text/css">

<link rel="stylesheet" href="assets/css/owl.carousel.css" type="text/css">

<link rel="stylesheet" href="assets/css/owl.transitions.css" type="text/css">

<link href="assets/css/slick.css" rel="stylesheet">

<link href="assets/css/bootstrap-slider.min.css" rel="stylesheet">

<link href="assets/css/font-awesome.min.css" rel="stylesheet">

            <link rel="stylesheet" id="switcher-css" type="text/css"
href="assets/switcher/css/switcher.css" media="all" />

            <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/red.css" title="red" media="all" data-default-color="true" />
```

```html
>link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/orange.css" title="orange" media="all" />

>link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/blue.css" title="blue" media="all" />

>link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/pink.css" title="pink" media="all" />

>link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/green.css" title="green" media="all" />

>link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/purple.css" title="purple" media="all" />

>link rel="apple-touch-icon-precomposed" sizes="144x144"
href="assets/images/favicon-icon/apple-touch-icon-144-precomposed.png">

>link rel="apple-touch-icon-precomposed" sizes="114x114" href="assets/images/favicon-
icon/apple-touch-icon-114-precomposed.html">

>link rel="apple-touch-icon-precomposed" sizes="72x72" href="assets/images/favicon-
icon/apple-touch-icon-72-precomposed.png">

>link rel="apple-touch-icon-precomposed" href="assets/images/favicon-icon/apple-
touch-icon-57-precomposed.png">

>link rel="shortcut icon" href="assets/images/favicon-icon/favicon.png">

>link href="https://fonts.googleapis.com/css?family=Lato:300,400,700,900"
rel="stylesheet">

/>head>

>body>


--!>Start Switcher -->

?>php include('includes/colorswitcher.php');?>

/ --!>Switcher -->


--!>Header-->

?>php include('includes/header.php');?>

/ --!>Header -->
```

```html
--!>Banners -->

>section id="banner" class="banner-section">

> div class="container">

> div class="div_zindex">

> div class="row">

> div class="col-md-5 col-md-push-7">

> div class="banner_content">

> h1>Find the right car for you.</h1>

> p>We have more than a thousand cars for you to choose. </p>

> a href="#" class="btn">Read More <span class="angle_arrow"><i class="fa fa-angle-right" aria-hidden="true"></i></span></a> </div>

/> div>

/> div>

/> div>

/> div>

/>section>

/ --!>Banners -->


--!>Resent Cat-->

>section class="section-padding gray-bg">

> div class="container">

> div class="section-header text-center">

> h2>Find the Best <span>CarForYou</span></h2>

> p>There are many variations of passages of Lorem Ipsum available, but the majority have suffered alteration in some form, by injected humour, or randomised words which don't look even slightly believable. If you are going to use a passage of Lorem Ipsum, you need to be sure there isn't anything embarrassing hidden in the middle of text.</p>

/> div>
```

```html
>    div class="row">


--!>     Nav tabs -->

>    div class="recent-tab">

>     ul class="nav nav-tabs" role="tablist">

>      li role="presentation" class="active"><a href="#resentnewcar" role="tab" data-toggle="tab">New Car</a></li>

/>     ul>

/>     div>

--!>     Recently Listed New Cars -->

>    div class="tab-content">

>     div role="tabpanel" class="tab-pane active" id="resentnewcar">


?>php $sql = "SELECT tblvehicles.VehiclesTitle,tblbrands.BrandName,tblvehicles.PricePerDay,tblvehicles.FuelType,tblvehicles.ModelYear,tblvehicles.id,tblvehicles.SeatingCapacity,tblvehicles.VehiclesOverview,tblvehicles.Vimage1 from tblvehicles join tblbrands on tblbrands.id=tblvehicles.VehiclesBrand";

$query = $dbh -> prepare($sql);

$query->execute();

$results=$query->fetchAll(PDO::FETCH_OBJ);

$cnt=1;

if($query->rowCount() > 0)

}

foreach($results as $result)

 }

 <?


>div class="col-list-3">

>div class="recent-car-list">
```

```
>div class="car-info-box"> <a href="vehical-details.php?vhid=<?php echo
htmlentities($result->id);?>"><img src="admin/img/vehicleimages/<?php echo
htmlentities($result->Vimage1);?>" class="img-responsive" alt="image"></a>

>ul>

>li><i class="fa fa-car" aria-hidden="true"></i><?php echo htmlentities($result-
>FuelType);?></li>

>li><i class="fa fa-calendar" aria-hidden="true"></i><?php echo htmlentities($result-
>ModelYear);?> Model</li>

>li><i class="fa fa-user" aria-hidden="true"></i><?php echo htmlentities($result-
>SeatingCapacity);?> seats</li>

/>ul>

/>div>

>div class="car-title-m">

>h6><a href="vehical-details.php?vhid=<?php echo htmlentities($result-
>id);?>"><?php echo htmlentities($result->BrandName);?> , <?php echo
htmlentities($result->VehiclesTitle);?></a></h6>

>span class="price">$<?php echo htmlentities($result->PricePerDay);?> /Day</span>

/>div>

>div class="inventory_info_m">

>p><?php echo substr($result->VehiclesOverview,0,70);?></p>

/>div>

/>div>

/>div>

?>php }}?>


/>    div>

/>    div>

/>  div>

/>section>

/ --!>Resent Cat -->
```

```html
 --!>Fun Facts-->

>section class="fun-facts-section">

>  div class="container div_zindex">

>    div class="row">

>      div class="col-lg-3 col-xs-6 col-sm-3">

>       div class="fun-facts-m">

>        div class="cell">

>         h2><i class="fa fa-calendar" aria-hidden="true"></i>40+</h2>

>          p>Years In Business</p>

/>        div>

/>       div>

/>      div>

>      div class="col-lg-3 col-xs-6 col-sm-3">

>       div class="fun-facts-m">

>        div class="cell">

>         h2><i class="fa fa-car" aria-hidden="true"></i>1200+</h2>

>          p>New Cars For Sale</p>

/>        div>

/>       div>

/>      div>

>      div class="col-lg-3 col-xs-6 col-sm-3">

>       div class="fun-facts-m">

>        div class="cell">

>         h2><i class="fa fa-car" aria-hidden="true"></i>1000+</h2>

>          p>Used Cars For Sale</p>

/>        div>

/>       div>

/>      div>
```

```
>      div class="col-lg-3 col-xs-6 col-sm-3">

>       div class="fun-facts-m">

>        div class="cell">

>         h2><i class="fa fa-user-circle-o" aria-hidden="true"></i>600+</h2>

>         p>Satisfied Customers</p>

/>        div>

/>      div>

/>     div>

/>    div>

/>  div>

 --!>  Dark Overlay-->

>  div class="dark-overlay"></div>

/>section>

/ --!>Fun Facts-->




--!>Testimonial -->

>section class="section-padding testimonial-section parallex-bg">

>  div class="container div_zindex">

>    div class="section-header white-text text-center">

>     h2>Our Satisfied <span>Customers</span></h2>

/>    div>

>  div class="row">

>    div id="testimonial-slider">

؟>php

$tid=1;

$sql = "SELECT tbltestimonial.Testimonial,tblusers.FullName from tbltestimonial join
tblusers on tbltestimonial.UserEmail=tblusers.EmailId where
tbltestimonial.status=:tid";
```

```php
$query = $dbh -> prepare($sql);

$query->bindParam(':tid',$tid, PDO::PARAM_STR);

$query->execute();

$results=$query->fetchAll(PDO::FETCH_OBJ);

$cnt=1;

if($query->rowCount() > 0)

}
foreach($results as $result)

<? }
```

```
>      div class="testimonial-m">

>       div class="testimonial-content">
>        div class="testimonial-heading">
>         h5><?php echo htmlentities($result->FullName);?></h5>
>         p><?php echo htmlentities($result->Testimonial);?></p>
/>        div>
/>      div>
/>      div>
?>      php }} ?>




/>     div>
/>     div>
/> div>
 --!>  Dark Overlay-->
```

```
>  div class="dark-overlay"></div>

/>section>

/ --!>Testimonial-->




--!>Footer -->

؟>php include('includes/footer.php');?>

/ --!>Footer-->




--!>Back to top-->

>div id="back-top" class="back-top"> <a href="#top"><i class="fa fa-angle-up" aria-
hidden="true"></i> </a> </div>

/--!>Back to top-->




--!>Login-Form -->

؟>php include('includes/login.php');?>

/--!>Login-Form -->




--!>Register-Form -->

؟>php include('includes/registration.php');?>




/--!>Register-Form -->




--!>Forgot-password-Form -->

؟>php include('includes/forgotpassword.php');?>

/--!>Forgot-password-Form -->




 --!>Scripts -->

>script src="assets/js/jquery.min.js"></script>
```

```
>script src="assets/js/bootstrap.min.js"></script>

>script src="assets/js/interface.js"></script>

--!>Switcher-->

>script src="assets/switcher/js/switcher.js"></script>

--!>bootstrap-slider-JS-->

>script src="assets/js/bootstrap-slider.min.js"></script>

--!>Slider-JS-->

>script src="assets/js/slick.min.js"></script>

>script src="assets/js/owl.carousel.min.js"></script>


/>body>


 --!>Mirrored from themes.webmasterdriver.net/carforyou/demo/index.html by
HTTrack Website Copier/3.x [XR&CO'2014], Fri, 16 Jun 2017 07:22:11 GMT -->

/>html>
```

4.10 LOGIN PAGE CODE

```php
<?php   if(strlen($_SESSION['login'])==0)

        {

?>

 <div class="login_btn"> <a href="#loginform" class="btn btn-xs uppercase" data-toggle="modal" data-dismiss="modal">Login / Register</a> </div>

<?php }

else{


echo "Welcome To Car rental portal";

 } ?>
     </div>

    </div>

   </div>

  </div>

 </div>


 <!-- Navigation -->

 <nav id="navigation_bar" class="navbar navbar-default">

  <div class="container">

   <div class="navbar-header">

    <button id="menu_slide" data-target="#navigation" aria-expanded="false" data-toggle="collapse" class="navbar-toggle collapsed" type="button"> <span class="sr-only">Toggle navigation</span> <span class="icon-bar"></span> <span class="icon-bar"></span> <span class="icon-bar"></span> </button>

   </div>

   <div class="header_wrap">

    <div class="user_login">

     <ul>
```

```
        <li class="dropdown"> <a href="#" data-toggle="dropdown" aria-
haspopup="true" aria-expanded="false"><i class="fa fa-user-circle" aria-
hidden="true"></i>
```

car listing

listing code

```php
<?php
session_start();
include('includes/config.php');
error_reporting(o);
?>
```
```html
<!DOCTYPE HTML>
<html lang="en">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width,initial-scale=1">
<meta name="keywords" content="">
<meta name="description" content="">
<title>Car Rental Portal | Car Listing</title>
<!--Bootstrap -->
<link rel="stylesheet" href="assets/css/bootstrap.min.css" type="text/css">
<!--Custome Style -->
<link rel="stylesheet" href="assets/css/style.css" type="text/css">
<!--OWL Carousel slider-->
<link rel="stylesheet" href="assets/css/owl.carousel.css" type="text/css">
<link rel="stylesheet" href="assets/css/owl.transitions.css" type="text/css">
```

```html
<!--slick-slider -->

<link href="assets/css/slick.css" rel="stylesheet">

<!--bootstrap-slider -->

<link href="assets/css/bootstrap-slider.min.css" rel="stylesheet">

<!--FontAwesome Font Style -->

<link href="assets/css/font-awesome.min.css" rel="stylesheet">


<!-- SWITCHER -->

            <link rel="stylesheet" id="switcher-css" type="text/css"
href="assets/switcher/css/switcher.css" media="all" />

            <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/red.css" title="red" media="all" data-default-color="true" />

            <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/orange.css" title="orange" media="all" />

            <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/blue.css" title="blue" media="all" />

            <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/pink.css" title="pink" media="all" />

            <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/green.css" title="green" media="all" />

            <link rel="alternate stylesheet" type="text/css"
href="assets/switcher/css/purple.css" title="purple" media="all" />


<!-- Fav and touch icons -->

<link rel="apple-touch-icon-precomposed" sizes="144x144"
href="assets/images/favicon-icon/apple-touch-icon-144-precomposed.png">

<link rel="apple-touch-icon-precomposed" sizes="114x114" href="assets/images/favicon-
icon/apple-touch-icon-114-precomposed.html">

<link rel="apple-touch-icon-precomposed" sizes="72x72" href="assets/images/favicon-
icon/apple-touch-icon-72-precomposed.png">

<link rel="apple-touch-icon-precomposed" href="assets/images/favicon-icon/apple-
touch-icon-57-precomposed.png">

<link rel="shortcut icon" href="assets/images/favicon-icon/favicon.png">
```

```html
<link href="https://fonts.googleapis.com/css?family=Lato:300,400,700,900"
rel="stylesheet">

</head>

<body>


<!-- Start Switcher -->

<?php include('includes/colorswitcher.php');?>

<!-- /Switcher -->


<!--Header-->

<?php include('includes/header.php');?>

<!-- /Header -->


<!--Page Header-->

<section class="page-header listing_page">

  <div class="container">

    <div class="page-header_wrap">

      <div class="page-heading">

        <h1>Car Listing</h1>

      </div>

      <ul class="coustom-breadcrumb">

        <li><a href="#">Home</a></li>

        <li>Car Listing</li>

      </ul>

    </div>

  </div>

  <!-- Dark Overlay-->

  <div class="dark-overlay"></div>

</section>
```

```html
<!-- /Page Header-->


<!--Listing-->
<section class="listing-page">
 <div class="container">
   <div class="row">
     <div class="col-md-9 col-md-push-3">
      <div class="result-sorting-wrapper">
        <div class="sorting-count">
```
```php
<?php
//Query for Listing count
$sql = "SELECT id from tblvehicles";

$query = $dbh -> prepare($sql);

$query->bindParam(':vhid',$vhid, PDO::PARAM_STR);

$query->execute();

$results=$query->fetchAll(PDO::FETCH_OBJ);

$cnt=$query->rowCount();

?>
```
```html
<p><span><?php echo htmlentities($cnt);?> Listings</span></p>

</div>

</div>
```
```php
<?php $sql = "SELECT tblvehicles.*,tblbrands.BrandName,tblbrands.id as bid  from
tblvehicles join tblbrands on tblbrands.id=tblvehicles.VehiclesBrand";

$query = $dbh -> prepare($sql);

$query->execute();

$results=$query->fetchAll(PDO::FETCH_OBJ);

$cnt=1;

if($query->rowCount() > 0)
```

```php
{
foreach($results as $result)
{  ?>

    <div class="product-listing-m gray-bg">

     <div class="product-listing-img"><img src="admin/img/vehicleimages/<?php
echo htmlentities($result->Vimage1);?>" class="img-responsive" alt="Image" /> </a>

     </div>

     <div class="product-listing-content">

       <h5><a href="vehical-details.php?vhid=<?php echo htmlentities($result-
>id);?>"><?php echo htmlentities($result->BrandName);?> , <?php echo
htmlentities($result->VehiclesTitle);?></a></h5>

       <p class="list-price">$<?php echo htmlentities($result->PricePerDay);?> Per
Day</p>

       <ul>

        <li><i class="fa fa-user" aria-hidden="true"></i><?php echo
htmlentities($result->SeatingCapacity);?> seats</li>

        <li><i class="fa fa-calendar" aria-hidden="true"></i><?php echo
htmlentities($result->ModelYear);?> model</li>

        <li><i class="fa fa-car" aria-hidden="true"></i><?php echo
htmlentities($result->FuelType);?></li>

       </ul>

       <a href="vehical-details.php?vhid=<?php echo htmlentities($result->id);?>"
class="btn">View Details <span class="angle_arrow"><i class="fa fa-angle-right" aria-
hidden="true"></i></span></a>

     </div>

    </div>

   <?php }} ?>

    </div>


   <!--Side-Bar-->

   <aside class="col-md-3 col-md-pull-9">

    <div class="sidebar_widget">
```

```html
<div class="widget_heading">

  <h5><i class="fa fa-filter" aria-hidden="true"></i> Find Your  Car </h5>

</div>

<div class="sidebar_filter">

  <form action="search-carresult.php" method="post">

    <div class="form-group select">

      <select class="form-control" name="brand">

        <option>Select Brand</option>


        <?php $sql = "SELECT * from  tblbrands ";

$query = $dbh -> prepare($sql);

$query->execute();

$results=$query->fetchAll(PDO::FETCH_OBJ);

$cnt=1;

if($query->rowCount() > 0)

{

foreach($results as $result)

{     ?>

<option value="<?php echo htmlentities($result->id);?>"><?php echo
htmlentities($result->BrandName);?></option>

<?php }} ?>


      </select>

    </div>

    <div class="form-group select">

      <select class="form-control" name="fueltype">

        <option>Select Fuel Type</option>

<option value="Petrol">Petrol</option>

<option value="Diesel">Diesel</option>
```

```html
<option value="CNG">CNG</option>
      </select>
    </div>


    <div class="form-group">
      <button type="submit" class="btn btn-block"><i class="fa fa-search" aria-hidden="true"></i> Search Car</button>
    </div>

   </form>

  </div>

 </div>


 <div class="sidebar_widget">
  <div class="widget_heading">
   <h5><i class="fa fa-car" aria-hidden="true"></i> Recently Listed Cars</h5>
  </div>
  <div class="recent_addedcars">
   <ul>
```
```php
<?php $sql = "SELECT tblvehicles.*,tblbrands.BrandName,tblbrands.id as bid  from tblvehicles join tblbrands on tblbrands.id=tblvehicles.VehiclesBrand order by id desc limit 4";

$query = $dbh -> prepare($sql);

$query->execute();

$results=$query->fetchAll(PDO::FETCH_OBJ);

$cnt=1;

if($query->rowCount() > 0)

{

foreach($results as $result)

{  ?>
```

```php
          <li class="gray-bg">

                <div class="recent_post_img"> <a href="vehical-details.php?vhid=<?php echo
htmlentities($result->id);?>"><img src="admin/img/vehicleimages/<?php echo
htmlentities($result->Vimage1);?>" alt="image"></a> </div>

                <div class="recent_post_title"> <a href="vehical-details.php?vhid=<?php echo
htmlentities($result->id);?>"><?php echo htmlentities($result->BrandName);?> ,
<?php echo htmlentities($result->VehiclesTitle);?></a>

                  <p class="widget_price">$<?php echo htmlentities($result->PricePerDay);?>
Per Day</p>

                </div>

          </li>

          <?php }} ?>


        </ul>

      </div>

    </div>

   </aside>

   <!--/Side-Bar-->

  </div>

 </div>

</section>

<!-- /Listing-->


<!--Footer -->

<?php include('includes/footer.php');?>

<!-- /Footer-->



<!--Back to top-->

<div id="back-top" class="back-top"> <a href="#top"><i class="fa fa-angle-up" aria-
hidden="true"></i> </a> </div>
```

```
<!--/Back to top-->

<!--Login-Form -->
<?php include('includes/login.php');?>
<!--/Login-Form -->


<!--Register-Form -->
<?php include('includes/registration.php');?>


<!--/Register-Form -->


<!--Forgot-password-Form -->
<?php include('includes/forgotpassword.php');?>


<!-- Scripts -->
<script src="assets/js/jquery.min.js"></script>

<script src="assets/js/bootstrap.min.js"></script>

<script src="assets/js/interface.js"></script>

<!--Switcher-->

<script src="assets/switcher/js/switcher.js"></script>

<!--bootstrap-slider-JS-->

<script src="assets/js/bootstrap-slider.min.js"></script>

<!--Slider-JS-->

<script src="assets/js/slick.min.js"></script>

<script src="assets/js/owl.carousel.min.js"></script>


</body>

</html>
```

4.11 CONNECT DATABASE CODE

```php
5   <?php
6   // DB credentials.
7   define('DB_HOST','localhost');
8   define('DB_USER','root');
9   define('DB_PASS','');
10  define('DB_NAME','carrental');
11  // Establish database connection.
12  try
13  {
14  $dbh = new
    PDO("mysql:host=".DB_HOST.";dbname=".DB_NAME,DB_USER,
    DB_PASS,array(PDO::MYSQL_ATTR_INIT_COMMAND => "SET NAMES
    'utf8'"));
15  }
16  catch (PDOException $e)
17  {
18  exit("Error: " . $e->getMessage());
19  }
```

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