INTRODUCTION

It is a website for taking a car on rent. The website is named as "CAR RENTALS" in this website customer can book a car on rent. To book a car customer needs to register themselves and login into their account. It is mandatory to have a valid driving licence to register themselves into the website. The rate of cars is per hours in the website.

SCOPE

IN SCOPE:

MODULE NAME	APPLICABLE ROLES	DECRIPTIONS
Registration	Customers	Customer: A customer can registers themselves with their valid details.
Login	Customers	Customer: A customer can login their account with valid credentials.
Home page	Customers	Customer: A Customer can view the introduction.
Product page	Customers	Customer: A Customer can view all the cars and their prices per hour for renting.
Product details page	Customers	Customer: A customer can view all the details of the selected cars and can rent that car.
Booking page	Customers	Customer: A customer can fill all the details and rent a car.
Contact us page	Customers	Customer: A customer can contact the company by entering the details and then clicking

		on submit button.

OUT OF SCOPE

These feature are not be tested because they are not included in the software requirement specs

• Hardware Interfaces

• Communications Interfaces

• Website Security

Quality Objective

The test objectives are to **verify** the Functionality of car rentals website. The project should focus on testing the **booking operation** such as renting a car to **guarantee** all these operations can work **normally** in real business environment.

Roles and Responsibilities

1. Test Manager
Manage the whole project.
Define project directions.
Acquire appropriate resources.

2. Test
Identifying and describing appropriate test techniques/tools/automation architecture Verify and assess the Test Approach Execute the tests, Log results, Report the defects.
Outsourced members.

3. Developer in Test
 Implement the test cases, test program, test suite etc.

4. Test Administrator
Builds up and ensures test environment and assets are managed and maintained.
Support Tester to use the test environment for test execution.

5. SQA members
Take in charge of quality assurance.
Check to confirm whether the testing process is meeting specified requirements.

Test Methodology
Test Levels
In the project Bank, there're 3 types of testing should be conducted.
• **Integration** Testing (Individual software modules are combined and tested as a group)
• **System** Testing: Conducted on a **complete**, **integrated** system to evaluate the system's compliance with its specified requirements

Bug Triage

Suspension Criteria and Resumption Requirements
If the team members report that there are **40%** of test cases **failed**, suspend testing until the development team fixes all the failed cases.

Test Completeness

• Specifies the criteria that denote a **successful** completion of a test phase
• **Run** rate is mandatory to be **100%** unless a clear reason is given.
• **Pass** rate is **80%,** achieving the pass rate is **mandatory.**

Project task and estimation and schedule

Task	Members	Estimate effort
Create the test specification	Test Designer	170 man-hour
Perform Test Execution	Tester, Test Administrator	80 man-hour
Test Report	Tester	10 man-hour
Test Delivery		20 man-hour
Total		**280 man-hour**

Schedule to complete these tasks

Test Deliverables

Test deliverables are provided as below

Before testing phase

• Test plans document.

• Test cases documents

• Test Design specifications.

During the testing

- Test Tool Simulators.

- Test Data

- Test Trace-ability Matrix - Error logs and execution logs.

After the testing cycles is over

• Test Results/reports

• Defect Report

• Installation/ Test procedures guidelines

• Release notes

Resource & Environment Needs
Testing Tools

No.	Resources	Descriptions
1.	**Server**	Need a Database server which install MySQL server Web server which install Apache Server
2.	**Test tool**	Develop a Test tool which can auto generate the test result to the predefined form and automated test execution
3.	**Network**	Setup a LAN Gigabit and 1 internet line with the speed at least 5 Mb/
4.	**Computer**	At least 4 computer run Windows 7, Ram 2GB, CPU 3.4GHZ

Test Environment

It mentions the minimum **hardware** requirements that will be used to test the Application.
Following **software's** are required in addition to client-specific software.
• Windows 8 and above
• Office 2013 and above
• MS Exchange, etc.