School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

Experiment No	11
Title of Experiment	ROAD RESCUE
Name of the candidate	CHIRAG THAKUR
Team Members	CHIRAG THAKUR (RA2111003010071) S RAHUL (RA2111003010099)
Register Number	RA2111003010071
Date of Experiment	

Mark Split Up

S. No	Description	Maximum Mark	Mark Obtained
1	Exercise	5	
2	Viva	5	
	Total	**10**	

Staff Signature with date

Aim:
To develop the test cases manual for the Road Rescue.

Team Members:

S No	Register No	Name	Role
1	RA2111003010099	S RAHUL	Team Leader
2	RA2111003010071	CHIRAG THAKUR	Team Member

Test Case:

Functional Test Cases:

Test ID	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
1	Book a service	Verify that a service can be booked	1. Log into the System	A new service will be booked	New booked service is displayed	Pass	Success
			2. Navigate to the profile	-	Navigation possible	Pass	Success
			3. Enter valid customer information	It should be created and saved to the system	Service is created and saved	Pass	Success
2.	See an booked service	Verify that booked service is showing	1. Log into the System	The user should be able to navigate to the service details page	Navigation possible	Pass	Success
			2. Search for an existing service in the system using various search criteria	The search results should display the relevant service(s) and the user should be able to select and view the details	Relevant service and details displayed	Pass	Success

			3. Navigate to the details for the selected service	The service details should be displayed, including customer information	Service has all information	Pass	Success

Non-Functional Test Cases:

Test ID	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remark
1.	Performance Testing (Production Environment)	Verify system response time during high traffic periods	1. Generate a large number of services and save them to the system	System should respond within 2-5 seconds for eachrequest, even during high traffic periods	Optimum Response	Pass	Success
			2. Simulate high levels of concurrent user activity on the system	Swift usage	No server down	Pass	Success
			3. Monitor system response times and log any errors or exceptions	-	-		
2.	Security Testing	Verify user authentication and authorization	1. Attempt to log in to the system with invalid or unauthorized credentials	System should deny access and display an error message if the user is not authorized or if the credentials are invalid	Denied access for invalid credentials	Pass	Success

			2. Attempt to access restricted areas or perform unauthorized actions in the system	System should deny access and display an error message if the user attempts to perform unauthorized actions	Restricted access for invalid credentials	Pass	Success

Result:

Thus, the test case manual has been created for the Road Rescue.