



School of Computing

SRM IST, Kattankulathur – 603 203

Course Code: 18CSC206J

Course Name: Software Engineering and Project Management

Experiment No	11
Title of Experiment	Test Cases
Name of the candidate	Abdul Ahad
Team Members	Disha Yadav, Shitij Chauhan
Register Number	RA2111028010094
Date of Experiment	06-04-2023

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 DIAH's elevator management system

Team Members:

S No	Register No	Name	Role
1	RA2111028010094	Abdul Ahad	Rep
2	RA2111028010080	Disha Yadav	Member
3	RA2111028010088	Shitij Chauhan	Member

Test Case

Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
1.	Verify User Registration from India	Verify email and password with auth (authentication)	1. User clicks on User Registration link 2. Enter the email id and password 3. Click Register button	User should be taken to the next page for verification	User registered with his own email and password	Pass	success
2.	Verify User Registration from India	Don't Accept Non Indian Mobile Number on the Page#1	Exit when entered non Indian mobile number	Mobile Number Not added To the record	If the number is valid, it is registered and added	Pass/ Failure	Success

3.	User Behavior check	Check malfunction and other hazardous functions in the elevator	Elevator Functionality stops at the nearest floor	The checking Notification forwarded to the respective team	The allotted team works on the upheld malfunction in the system, and provide update	Pass	Success
4.	User Login Check	Check User ID password with registered users	Stored data will be checked with input data and authentication is checked	User will be Authenticated with the original ID and Password	User most of the time uses weak password to pass	Pass	Success

Non-Functional Test Cases

Test ID (#)	Test Scenario	Test Case	Execution Steps	Expected Outcome	Actual Outcome	Status	Remarks
1.	Ensure Security	One user Should be Allowed only one login	Will be checking login semaphore variable to check status	User can't login in multiple device or multiple session	User needs to login one device at a time.	Pass	Success
2.	Handling Traffic on The website	Large number of requests should not overload the website	Setting update limiter and load balancing fixes the issue	User gets faster access to the website	Users are divided into different servers for balancing sessions	Pass	Success

Manual Test Cases:

Test Area	Input
Login Verification	Login Info and details
Elevator management System	Safety measures and implementation
Blocking System	Admin Input and different security configuration

Category	Progress Against Plan	Status
Functional Testing	Amber	In-Progress
Non-Functional Testing	Amber	In-Progress

Functional	Test Cases Coverage (%)	Status
Login Verification	40%	In-Progress
Elevator management System	40%	In-Progress
Blocking System	20%	In-Progress

Result:
Thus, the test case report has been created for the DIAH’s elevator management system.