



## **School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSC206J**

**Course Name: Software Engineering and Project Management**

<b>Experiment No</b>	11
<b>Title of Experiment</b>	Test Case and Reporting
<b>Name of the candidate</b>	Shaurya Singh Srinet
<b>Team Members</b>	Shounak Chandra, Parth Galhotra
<b>Register Number</b>	RA2111032010006, RA2111032010026, RA2111032010029
<b>Date of Experiment</b>	6.4.23

### **Mark Split Up**

<b>S. No</b>	<b>Description</b>	<b>Maximum Mark</b>	<b>Mark Obtained</b>
1	Exercise	5	
2	Viva	5	
<b>Total</b>		<b>10</b>	

**Staff Signature with date**

**Aim:**

To develop the test cases manual with manual test case report for the Library Management System.

**Team Members:**

S No	Register No	Name	Role
1	RA2111032010006	Shaurya Singh Srinet	Representative
2	RA2111032010026	Shounak Chandra	Member
3	RA2111032010029	Parth Galhotra	Member

**Manual Test Cases:****1. Register:**

S. No	Test Case ID	Test Objective	Test Condition	Steps	Sample Input	Expected Output	Actual Output	Test Status
1	LS001	Email without @ (invalid email)	To check Email id	1.Enter valid Email id	sn0273sr mist.edu. in	error	error	reject
2	LS002	invalid password (with space)	To check password	1. Enter valid password	9515162 115	error	error	reject
3	LS003	Proper Email id and password	To check Email id and password	1.Enter valid Email id 2. Enter valid password	sn0273@ srmist.ed u.in 9515162 115	Successful	Successful	accept
4	LS004	Already registered user name	To check User name is registered before or not	1.Enter valid User name	Shaurya Srinet	error	error	reject
5	LS005	Different passwords	To check Password	1. Enter valid password	9515162 115	error	error	reject
6	LS006	Same passwords	To check Password	1. Enter valid password	9515162 115	Successful	Successful	accept

## 2. Login:

S. No	Test Case ID	Test Objective	Test Condition	Steps	Sample Input	Expected Output	Actual Output	Test Status
1	HM001	Non Registered Email	To check Email id	1.Enter valid Email id	sn0273@srmist.edu.in	error	error	reject
2	HM002	Wrong password	To check password	1. Enter valid password	9515162115	error	error	reject
3	HM003	Proper Email id and password	To check Email id and password	1.Enter valid Email id 2. Enter valid password	sn0273@srmist.edu.in 9515162115	Successful	Successful	accept

## 3. Forgot Password:

S. No	Test Case ID	Test Objective	Test Condition	Steps	Sample Input	Expected Output	Actual Output	Test Status
1	HM004	Non Registered Email	To check Email id	1.Enter valid Email id	sn0273@srmist.edu.in	error	error	reject
2	HM005	valid Email id	To check Email id	1.Enter valid Email id	sn0273@srmist.edu.in	Successful	Successful	accept

## 4. Reset Password:

S. No	Test Case ID	Test Objective	Test Condition	Steps	Expected Output	Actual Output	Test Status
1	HM006	Use link sent to Email after 30 mins	Link is working within 30 min of generation	Click the link sent to email After 30 mins	error	error	reject
2	HM007	Use link sent to Email within 30 mins	Link is working within 30 min of generation	Click the link sent to email id within 30 mins	Successful	Successful	accept

### 5. Add/Delete Book:

S. No	Test Case ID	Test Objective	Test Condition	Steps	Sample Input	Expected Output	Actual Output	Test Status
1	DSB001	Use the name of the magazine	To check Name of the magazine	1.Enter valid Name of magazine	Bone	Successful	Successful	accept
2	DSB002	Access book without logging in	To access book without logging in	1. access book without logging in	Bone	Successful	Successful	accept
3	DSB003	delete book without logging in	To delete book without logging in	1. delete book without logging in	Bone	error	error	reject

### 6. Account:

S. No	Test Case ID	Test Objective	Test Condition	Steps	Expected Output	Actual Output	Test Status
1	DSB007	Update to already registered user name	TO Update already registered user name	1. Update already registered user name	error	error	reject
2	DSB008	Change profile pic from local files in comp	TO Change profile pic from local files in comp	1. Change profile pic from local files in comp	Successful	Successful	accept
2	DSB009	Use someone else profile pic	To Use someone else profile pic	1. Use someone else profile pic	Successful	Successful	accept

### Current status of Testing:

The testing process has been executed and the above test cases have been passed successfully. The Library Management System seems to be working fine without any major issues.

### Obstacles to proceed further:

There are no major obstacles that are hindering the testing process. However, there might be some minor issues that could be resolved with additional testing.

**Seek help from stakeholders:**

If any issues arise during the testing process, the development team can be contacted for assistance. Additionally, stakeholders can be informed about any unexpected behaviour or issues found during testing, which can help to improve the overall quality of the Library Management System.

**Result:**

Thus, the test case manual and report has been created for the Library Management System.