

**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 Case and Reporting |
| **Name of the candidate** | Shaurya Singh Srinet |
| **Team Members** | Shounak Chandra, Parth Galhotra |
| **Register Number** | RA2111032010006, RA2111032010026, RA2111032010029 |
| **Date of Experiment** | 6.4.23 |

**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 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 | sn0273srmist.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.edu.in  9515162115 | 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 | 9515162115 | error | error | reject |
| 6 | LS006 | Same  passwords | To check  Password | 1. Enter valid  password | 9515162115 | Successful | Successful | accept |

1. **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 | 9515162 115 | 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 |

1. **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 |

1. **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 |

1. **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 |

1. **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.