

**School of Computing**

**SRM IST, Kattankulathur – 603 203**

**Course Code: 18CSC206J**

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

|  |  |
| --- | --- |
| **Experiment No** | 12 |
| **Title of Experiment** | Manual Test Case Reporting |
| **Name of the candidate** | **SOORAJ TOMAR** |
| **Team Members** | **HARSHIT SHARMA (RA2011030010206), PIYUSH BISHT (RA2011030010226)** |
| **Register Number** | **RA2011030010224** |
| **Date of Experiment** | **6/6/22** |

**Mark Split Up**

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

**Staff Signature with date**

**Aim**

To prepare the manual test case report for the STUDENT ATTENDANCE MANAGEMENT SYSTEM.

**Team Members:**

|  |  |  |  |
| --- | --- | --- | --- |
| **S No** | **Register No** | **Name** | **Role** |
| **1** | **RA2011030010224** | **SOORAJ TOMAR** | **Rep/Member** |
| **2** | **RA2011030010206** | **HARSHIT SHARMA** | **Member** |
| **3** | **RA2011030010226** | **PIYUSH BISHT** | **Member** |

# Functional Test Cases

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test ID (#)** | **Test Scenario** | **Test Case** | **Execution Steps** | **Expected Outcome** | **Actual Outcome** | **Status** | **Remarks** |
| FR1 | Verify User Login | To check if Login is authenticated correctly. | Start the S/W.  Enter Login Credentials. | Login Valid/Invalid according to input and details display or home screen. | Login Valid according to valid inputs and appropriate message for invalid input. | Pass | Success |
| FR2 | Attendance Details display. | To check if S/W can Display details correctly. | Start the S/W.  Enter Login Credentials.  Check details. | Details displayed successfully. | Details displayed successfully. | Pass | Success |
| FR3 | Attendance Detained Display | To check if S/W can Display Detained Subjects details correctly. | Start the S/W.  Enter Login Credentials.  Check detained subjects. | Detained details displayed successfully. | Detained details displayed successfully. | Pass | Success |
| FR4 | Details Edit | To check if S/W can edit details correctly. | Start the S/W.  Enter Login Credentials.  Edit details. | Details edited successfully. | Details edited successfully. | Pass | Success |

# Non-Functional Test Cases

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Test ID (#)** | **Test Scenario** | **Test Case** | **Execution Steps** | **Expected Outcome** | **Actual Outcome** | **Status** | **Remarks** |
| NFR1 | Usability | To check if UI is usable by generic users | Start the S/W.  Check inputs and usability. | Easy to use. | Good usability. | Pass | Success |
| NFR2 | Speed of response | To check that the S/W can be fast to respond to queries | Start the S/W.  Check any functionalities and time the response. | Fast in response. | Fast response recorded. | Pass | Success |
| NFR3 | Input response | To check that the system can respond to various inputs | Start the S/W.  Check any input including valid and invalid. | Can respond to valid/invalid inputs. | Valid response to inputs. | Pass | Success  \*A more user-friendly message to be displayed in case of invalid input. |

|  |  |  |
| --- | --- | --- |
| **Category** | **Progress Against Plan** | **Status** |
| Functional Testing | Green | Completed |
| Non-Functional Testing | Green | Completed |

|  |  |  |
| --- | --- | --- |
| **Functional** | **Test Case Coverage (%)** | **Status** |
| Login | 10% | Completed |
| Student Details | 10% | Completed |
| Attendance details | 30% | Completed |
| Detained Subjects | 20% | Completed |
| Edit Details | 30% | Completed |

|  |  |  |
| --- | --- | --- |
| **Non-Functional** | **Test Case Coverage (%)** | **Status** |
| Usability | 30% | Completed |
| Acceptance | 40% | Completed |
| Speed | 10% | Completed |
| Response to various inputs | 20% | Completed |

Result:

Thus, the test case report has been created for the STUDENT ATTENDANCE MANAGEMENT SYSTEM.