

**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** | [Alankriti Dadlani](mailto:alankriti.dadlani22@gmail.com) |
| **Team Members** | **Aritra Karar, Sanjay P** |
| **Register Number** | **RA2111028010010** |
| **Date of Experiment** | **24.04.2023** |

**Mark Split Up**

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

**Staff Signature with date**

**Aim**

To prepare the manual test case report for the <project name>

**Team Members:**

| **S No** | **Register No** | **Name** | **Role** |
| --- | --- | --- | --- |
| **1** | **RA2111028010019** | **Aritra Karar** | **Rep/Member** |
| **2** | **RA2111028010010** | **Alankriti Dadlani** | **Member** |
| **3** | **RA2111028010012** | **Sanjay P** | **Member** |

Manual Test Case:

| Sr. No. | Action | Inputs | Expected output | Actual Output | Test Result |
| --- | --- | --- | --- | --- | --- |
| 1. | Login | Username,  Password | Login successfull | Login Sucessfull | Pass |
| 2. | Select Choice | 1,2,3,4,5,6 | Directed to that function | Directed to that function | Pass |
| 3. | AQI | City | AQI of particular city | AqI of particular city | Pass |
| 4. | Check windmill status | Windmill data | Working properly/ Failed to fetch | Failed to fetch ` | fail |
| 5. | Windmill Data | API | Show/ Error occurred while fetching data | Error occurred while fetching data | Pass |
| 6. | Calculate wind energy | API | Energy= | Error | In- progrss |

<< Summarize the current status of the Testing>

| **Category** | **Progress Against Plan** | **Status** |
| --- | --- | --- |
| Functional Testing | Green | In-Progress |
| Non-Functional Testing | Red | In-Progrss |

| **Functional** | **Test Case Coverage(%)** | **Status** |
| --- | --- | --- |
| Login | 100% | Completed |
| Select Choice | 100% | Completed |
| AQI | 80% | In-progress |
| Check windmill status | 40% | Incomplete |
| Calculate wind energy | 40% | In-progress |
| Windmill Data | 80% | In-progress |

Result:

Thus, the test case report has been created for the Smart Windmill System.