**Results of Testing and Evaluation**

Testing was done for the evaluation of the system. Results showed that the system performed all the functionalities and features listed in the functional requirements. All the platforms for the stakeholders such as trainee, instructor, coordinator and admin were stable and working.

**Result of the Functional Stability Testing**

The system was tested according to the functional requirements required by the stakeholders at this phase. The following tables depicts the test cases that were created after the system’s user account were tested. For all the user accounts: trainee, project leader, coordinator and admin accounts, it was proven that all features and functionalities of the designed system were reliable and performed as planned.

Table 4.1 depicts the test result of each test cased conducted for the functions in the trainee side

Table 4- 1 Trainee Side System Functional Stability Test Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** | **W.M** | **V.I** | | **Remarks** |
| Trainee can Register | 3 | Full Compliance | |  |
| Prevent Submission Without Required Fields | 3 | Full Compliance | |  |
| Student Can Log In with Credentials | 3 | | Full Compliance |  |
| Invalid Login Blocks Access | 3 | | Full Compliance |  |
| Student Views Enrolled Courses | 3 | | Full Compliance |  |
| Enroll on New Course | 3 | | Full Compliance |  |
| View Course Details | 3 | | Full Compliance |  |
| Delete Enrollment if Denied | 3 | | Full Compliance |  |
| Access to Stream if Approved  Upload Activity Links or File  Take a Quiz with 3 Retries  Read Modules  Mark Modules as Read  Answering Evaluation | 3  3  3  3  3  3 | | Full Compliance  Full Compliance  Full Compliance  Full Compliance  Full Compliance  Full Compliance |  |

Table 4-1 depicts the trainee side system functionality testing, demonstrating that all important functions that the trainee must have in the produced system were handled and created in accordance in their needs. Each functionality received a passable rating with a composite mean of 3.0.

Table 4.2 depicts the test result of each test cased conducted for the functions in the project leader side

Table 4- 2 Project Leader Side System Functional Stability Test Results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Description** | **W.M** | **V.I** | | **Remarks** |
| Project Leader can login  Invalid Login Blocks Access  Project Leader can Create Program | 3  3  3 | Full Compliance  Full Compliance  Full Compliance | |  |
| Invalid Access if Program is still pending or denied | 3 | Full Compliance | |  |
| Project Leader can Activate a Program | 3 | | Full Compliance |  |
| Project Leader can Deactivate A Program | 3 | | Full Compliance |  |
| Project Leader can Archive a Program | 3 | | Full Compliance |  |
| Project Leader can Upload a Module | 3 | | Full Compliance |  |
| Project Leader can Update a Module | 3 | | Full Compliance |  |
| Project Leader can Deny a Module | 3 | | Full Compliance |  |
| Project Leader can Create a Quiz  Project Leader can Update a Quiz  Project Leader can Delete a Quiz  Project Leader can Create an Activity  Project Leader can Update an Activity  Project Leader can Delete an Activity  Project Leader can Update Trainee Activity Score | 3  3  3  3  3  3  3 | | Full Compliance  Full Compliance  Full Compliance  Full Compliance  Full Compliance  Full Compliance  Full Compliance |  |

Table 4-2 displays that the Project Leader side system functionality testing, demonstrating that all important functions that the Project Leader must have in the produced system were also handled and created in accordance in their needs. Each functionality received a passable rating with a composite mean of 3.0.