Appendix XII: Agile Test Report

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| --- | --- | --- | --- | --- | --- | --- |
| Functions | Description | %TCs Executed | %TCs Passed | TCs pending | Priority | Remarks |
| log in using my staff Id and password | - User Must Login - User Must use correct Login credentials - User Must be logged in as a system manager | 100% | 100% | 0 | High | Completed |
| upload student data from file | - Cannot upload an empty file - Must be a .csv file - Must complete the form without an empty field | 100% | 100% | 0 | High | Completed |
| input student data | - Must complete all fields on the form - Cannot submit existing student records | 100% | 100% | 0 | High | Completed |
| view student record that I have input/import | -user can view student records | 100% | 100% | 0 | High | Completed |
| edit student record I have input/import | - user can edit student records from list of students | 100% | 100% | 0 | High | Completed |
| upload courses from file | - Cannot upload an empty file - Must be a .csv file - Must complete the form without an empty field | 100% | 100% | 0 | High | Completed |
| input courses data | - Must complete all fields on the form - Cannot submit existing course | 100% | 100% | 0 | High | Completed |
| view courses I input/import | -user can view courses | 100% | 100% | 0 | High | Completed |
| edit courses I input/import | - Must complete all fields on the form - Cannot submit existing student records | 100% | 100% | 0 | High | Completed |
| create departments | - Must complete all fields on the form - Cannot submit existing student records | 100% | 100% | 0 | High | Completed |
| create programmes | - Must complete all fields on the form - Cannot submit existing student records | 100% | 100% | 0 | High | Completed |
| create schools | - Must complete all fields on the form - Cannot submit existing student records | 100% | 100% | 0 | High | Completed |
| create colleges | - Must complete all fields on the form - Cannot submit existing student records | 100% | 100% | 0 | High | Completed |
| edit departments I have created | - User can review exams | 100% | 100% | 0 | High | Completed |
| edit programmes I have created | - User can add comments as a separate file | 100% | 100% | 0 | High | Completed |
| create backups | - User can create backups of all record | 100% | 100% | 0 | High | Completed |
| create users / staff | - User can import backups | 100% | 100% | 0 | High | Completed |
| Edit user account | - User can edit user login details | 100% | 100% | 0 | High | Completed |
| oversee all accounts | - Admin must see a table with all account information | 100% | 100% | 0 | High | Completed |
| view result broadsheet in academic board format | - User must be logged in as an Exam Officer - User can view, print download the files | 100% | 100% | 0 | High | Completed |
| consider student score | -score must be the agreed score | 100% | 100% | 0 | High | Completed |
| allocate courses to staff | - no field can be submitted empty - | 100% | 100% | 0 | High | Completed |
| reset allocation | - must reset staff allocated | 100% | 100% | 0 | High | Completed |
| delete exam scores |  | 100% | 100% | 0 | High | Completed |
| view all semester results | -user can view all semester results | 100% | 100% | 0 | High | Completed |
| view specific semester result | -user can view a specific semester result | 100% | 100% | 0 | High | Completed |
| upload exam scores | - Cannot upload an empty file - Can only upload scores for courses allocated - Must be a .csv file - Must complete the form without an empty field | 100% | 100% | 0 | High | Completed |
| view the scores I uploaded | - user can view only scores uploaded | 100% | 100% | 0 | High | Completed |
| view list of student | -user can view student records | 100% | 100% | 0 | High | Completed |
| view list of courses | -user can view list of courses | 100% | 100% | 0 | High | Completed |
| view academic board results | -user can view broad sheets result in academic board format | 100% | 100% | 0 | High | Completed |
| view result analysis | -user can view result analysis | 100% | 100% | 0 | High | Completed |
| change my login details | - must be logged in - must confirmation password -not empty fields can be submitted | 100% | 100% | 0 | High | Completed |
| Support Excel .csv | - Only allows .CSV file - Warnings must use allowed formats | 100% | 100% | 0 | High | Completed |
| Test for browser compatibility | - Test common browsers | 100% | 100% | 0 | High | Completed |
| Work on all browsers | - Website must work on all browser difference - Website must run on newest versions | 100% | 100% | 0 | High | Completed |
| keep previous exams records | - Must store previous exam scores - no score Must be deleted - Previous result Must be accessible to Exam officer and exams and record | 100% | 100% | 0 | High | Completed |
| Export to MS word |  |  |  | 0 | Low | Completed |
| Export to pdf |  |  |  | 1 | Low | Pending |
| Create blank .csv format |  |  |  | 0 | Low | Completed |
| Create visual Analysis to Compare semester result |  |  |  | 0 | High | Completed |
| Create visual Analysis to Compare Annual result |  |  |  | 1 | High | Pending |

**Defects**

* The defect density is 1 defects/50 lines of code average this is because the testing follows an agile principle that says “no much code written than it is required” during the test.
* 98% defects fixed, this is as a result of following strictly following the agile principle by not implementing any function without testing and fixing possible defects.