|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Functions | Description | %TCs Executed | %TCs Passed | TCs pending | Priority | Remarks |
| upload student records | Check if record is added | 100% | 100% | 0 | High |  |
| upload courses | Check if record is added | 100% | 100% | 0 | High |  |
| create users | Check if user is created | 100% | 100% | 0 | High |  |
| Add new programmes | Check if added | 100% | 100% | 0 | High |  |
| upload exams score | Check if uploaded | 100% | 100% | 0 | High |  |
| login users | Verify if successful or not | 100% | 100% | 0 | High |  |
| password hash and verify | Verify if hashed and can be verified | 100% | 100% | 0 | High |  |
| input student record |  | 100% | 100% | 0 | High |  |
| Generate score Grades |  | 100% | 100% | 0 | High |  |
| Generate score point |  | 100% | 100% | 0 | High |  |
| view broadsheet |  | 100% | 100% | 0 | High |  |
| view broadsheet |  | 100% | 100% | 0 | High |  |
| create backup |  | 100% | 100% | 0 | High |  |
| view my semester result |  | 100% | 100% | 0 | High |  |
| Allocate course |  | 100% | 100% | 0 | High |  |
| web visualisation API |  | 100% | 100% | 0 | High |  |
| View result analysis |  | 100% | 100% | 0 | High |  |
| Enable or Disable user menu |  | 100% | 100% | 0 | High |  |
| Check file format |  | 100% | 100% | 0 | High |  |
| Create user logs |  | 100% | 100% | 0 | High |  |
| Single course analysis |  | 100% | 100% | 0 | High |  |
| View student |  | 100% | 100% | 0 | High |  |
| View courses |  | 100% | 100% | 0 | High |  |
| Modify user access |  | 100% | 100% | 0 | High |  |
| Modify programme |  | 100% | 100% | 0 | High |  |
| Generate file format |  | 100% | 100% | 0 | High |  |
| Edit user login detail |  | 100% | 100% | 0 | High |  |
| View all user |  | 100% | 100% | 0 | High |  |
| Control user views |  | 100% | 100% | 0 | High |  |
| Logout |  | 100% | 100% | 0 | High |  |
| Export files to word |  | 100% | 100% | 0 | Low |  |
| Export files to PDF |  |  |  | 1 | Low |  |

**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.