**User Acceptance Testing**

User Acceptance Testing is the final stage of testing where the target user can check the system for its compliance with business requirements and allows the end user to familiarize themselves with the functionality of the system.

Objective

To allow the end user to run through the Avi System basing their test on the business requirements. To get feedback from the user with any questions or changes that they require and also to assess usability/intuitiveness of the system.

Justification

The User Acceptance testing has an important role in which the end user validates the system whether it meets the business requirements before getting deployed.

Participant

This testing will be carried out by an end user (a third year Computer Science Student) that is briefed about the business requirements so that they may have knowledge about the client’s needs of the system.

**Test Date**: 05/10/2018

**Tester**: Katleho Mokoena

Methodology

The user will participate in the following use cases:

|  |
| --- |
| 1. Create Account |
| 1. Login |
| 1. Add Course |
| 1. Edit Course |
| 1. Delete Course |
| 1. Manage Account |
| 1. Get Recommendation |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Test Number** | **Action** | **Test Input** | **Expected Results** | **Actual Results** | **Pass/Fail** |
| 1. | Create Account | student\_id:  797880  student\_name:  Katleho  student\_surname: Mokoena  student\_current\_ level: yos3  student\_password: katofmordor  confirm\_password: katofmordor | Redirect to login page | Redirected to login page | **PASS** |
| 2. | Login | student\_id:  797880  student\_password: katofmordor | Access to the Home page | The user got access to the Home page | **PASS** |
| 3. | Add Course | course\_id:  COMS1018A  student\_id:  797880  course\_mark:  60  \*more courses were added as well | Added course must appear under ‘Your Course’ section | Added course appeared under ‘Your Courses’ section | **PASS** |
| 4. | Edit Course | course\_id:  COMS1018A  student\_id:  797880  course\_mark:  80 | The course COMS1018A should appear with a mark of 80 | The course COMS1018A appeared with a mark of 80 | **PASS** |
| 5. | Delete Course | Navigate to the course COMS1018A and press the delete button next to it. | The COMS1018A course should no longer appear under ‘Your Course’ | The COMS1018A course no longer appears under ‘Your Courses’ | **PASS** |
| 6. | Manage Account | old\_password: katofmordor  new\_password: katofgondor  confirm\_password: katofgondor | Redirect to login page and be able to login with new password, old password should no longer work | Redirected to login page, old password should no longer works and can login with the new password | **PASS** |
| 7. | Get Recommendation | Press get recommendation button | A list of recommendations should appear | A list of recommendations appeared | **PASS** |

Results

The user found the system easy to use and was able to perform all the tasks.

User Acceptance Testing Summary

Avi System passed all the user acceptance tests conducted on the specified use cases.