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American International University-Bangladesh (AIUB)  
Department of Computer Science  
Faculty of Science &Technology (FST)  
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Section: B  
Software Quality Assurance and Testing

PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT

A Report submitted

By

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Software Test Plan

for

<PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT>

Version 1.0 approved

Prepared by <authors>

<American International University - Bangladesh>

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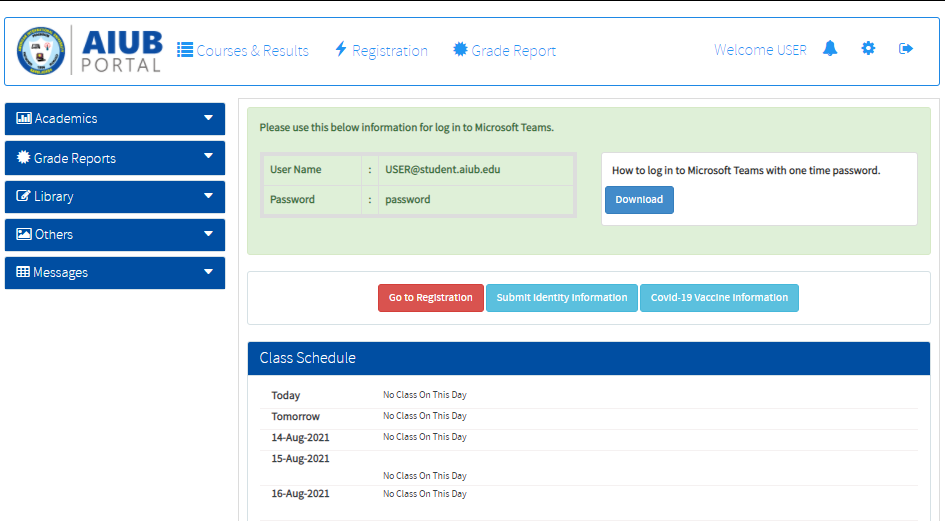
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# Revision History

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| --- | --- | --- | --- |
| **Revision** | **Date** | **Updated by** | **Update Comments** |
| 0.1 | 2021.08.15 | ALAM , RIFAT | First Draft |
| 0.2 | 2021.08.15 | AHMED, MD.NAHIAN | Second Draft |
| 0.3 | 2021.08.15 | DAS, BISHWAGIT | Third Draft |
| 0.4 | 2021.08.15 | PAUL, RAHUL | Fourth Draft |

# TEST PLAN IDENTIFIER: AIUB-PMSV1.0

# REFERENCES

None

# INTRODUCTION

## Background to the Problem

A popular website must be updated on a regular basis. A university's website is full with data that must be tracked and documented in a structured way. If data is updated but not correctly recorded, the entire system will suffer as vital information is lost. A university enrolls a large number of students. It is important to protect their data and maintain track of their actions so that information is not shared, since this will be troublesome for both management and students, and will eventually lead them to suffer.

## Solution to the Problem

This is the MTP for the AIUB students' portal management system. This exam design will only target the components that have been identified by the students' data, both directly and indirectly affected components will be addressed. The primary goal of this strategy is to ensure that Management keeps all of the understudies' records. The website being specified has features such as login, dashboard, registration, courses an results, grade reports, academic etc. Students can see, perform tasks and the data are recorded. To describe the objectives, scope, approach, resources, schedule and focus of software testing activities in a systematic approach is important. And it is essential to check if the requirements are fulfilled and information is understood in detail.

3.1 System will keep all the records of the students such as-

1. First Name
2. Last Name
3. Student ID
4. Gender
5. Address
6. Department
7. Phone number
8. Email

# REQUEIREMNT SPECIFICATION

## System Features

1. **System Login**

1.1 User can login use their id and password.

1.2 If the username and/or password has been inserted wrong for more than three times, captcha code will be generated by the system to retry login.

Priority Level: High

Precondition: user has to be a valid user id and password

1. **Course Registration**

2.1 User able to see student id, name, cgpa and credit completed.

2.2 By Clicking ‘Next’ should allow the user to select and unselect courses.

2.3 User show registered sections, assessment and confirm registration.

Priority Level: Medium

Precondition: user must login the portal.

1. **Profile**

3.1 User’s see the profile with individual name and other’s information like ID, CGPA, credit, program, department, core, major etc.

Priority Level: High

Precondition: user must login in the portal.

1. **Academics**

4.1 User’s see courses and results, registration, drop application, offered courses, my curriculum and financials.

Priority Level: Low

Precondition: user must login in the portal

1. **Grade Reports**
   1. User check current or previous grade report either by curriculum or by semester.

Priority Level: High

Precondition: user must login in the portal

1. **Others**

Users need to download applications, parking applications and forms.

Priority Level: Low

Precondition: user must login

1. **Messages**

The user should be able to check the mailbox.

Priority Level: Low

Precondition: user must login

1. **Courses and Results**
   1. The user has to see the grade mark quiz for both middle and final term.
   2. The user will download and upload the document there.

Priority Level: Medium

Precondition: user must login

1. **Grade Report**

The user should be able to view the curriculum grade report of the core and elective curriculum.

Priority Level: High

Precondition: user must login

1. **Notifications**

The user should be able to view and check the notes and notices sent from the faculty.

Priority Level: Medium

Precondition: user must login

1. **Setting**

The user should be able to change the password of the portal.

Priority Level: Low

Precondition: user must login

1. **Logout**

The user should be able to log out and return to the login page.

Priority Level: High

Precondition: user must login

## System Quality Attributes

* **Usability:** In an average of four and a maximum of six minutes, a trained user should be able to submit a complete request for a chemical from a vendor catalog.
* **Maintainability**: With 20 labor hours or less of development effort, a maintenance programmer should be able to adjust existing reports to comply with the federal government's amended chemical-reporting rules.
* **Efficiency:** At the expected peak load conditions, at least 25% of the processing capacity and RAM available to the application must remain unused.
* **Reliability:** Because of software errors, no more than five experimental runs out of 1000 can be lost.
* **Integrity/Security:** Customer transaction histories will be viewable only by users with Auditor access capabilities.
* **Interoperability​:** ChemiDraw (version 2.3 or before) and Chem-Struct (version 5 or earlier) tools should be able to import any valid chemical structure into the Chemical Tracking System.
* **Reusability:** Chemical structure input methods must be developed to be reusable in other programs that employ international standard chemical structure representations at the object code level.
* **Flexibility:** With no more than one hour of labor, a maintenance programmer with at least six months of expertise supporting this product should be able to make a new copy output available to the product, including code revisions and testing.
* **Testability:** A module's maximal cyclomatic complexity\* must not exceed 20.

## System Interface

## G:\Education\SQAT\SQAT project\SQAT.png

## Project Requirements

* Total budget: None (project practice purpose)
* Total Development Time: 1 month

# FEATURES NOT TO BE TESTED

The following is a list of fields that will not be specifically addressed. All test efforts in this area will be indirect as a result of other test efforts. For example:

* Reassigned Sales data is used in PC-based spreadsheet analysis programs. Because these apps are totally within the control of the customer and are not part of this project's scope. Customers will be given the essential data base format information so that they may extract data. The application maintainer/developer is responsible for testing their applications.
* Networks.
* Hardware.
* Student’s personal information (grade, cgpa and financials).

# TESTING APPROACH

## Testing Levels

Unit, System/Integration (combined), and Acceptance test levels will be used for the web-based project SMS. It is planned that at least one full-time independent test person will be assigned to system/integration testing. With the financial limitations and timeframe in place, the majority of testing will be done by the test manager with the help of the development teams.

The developer will conduct UNIT testing, which will be approved by the development team leader. Before unit testing may be accepted and passed on to the tester, the programmer must give proof of unit testing (test case list, sample output, data printouts, defect information). The test person will receive all unit test information as well.

* SYSTEM/INTEGRATION The test manager and development team leader will conduct the testing, with assistance from individual developers as needed. This project does not have any specialized test tools. After all critical faults have been addressed, the programs will be put through a System/Integration test. A program may have up to two major flaws as long as they do not prevent the program from being tested (I.E. there is a work around for the error).
* ACCEPTANCE Actual end users will perform the testing, with the help of the test manager and development team leader. After the System/Integration test is completed, the acceptance test will run in parallel with the existing manual ZIP/FAX process for one month.

## Test Tools

The normal AS/400 utilities and commands are the sole test tools available.

* The Program Development Manager (PDM), in conjunction with the in-house check-in/check-out control utility, will be utilized as the source version configuration management tool. Each developer's normal AS/400 access menu has a check-in/out feature.
* The AS/400 Screen Design Aid will be used to create the first prototypes for the new screens (SDA). Prior to testing and development of the screens, the sales administration employees will be presented the original layout and general content of the screens.
* Microsoft Word (Test Cases)

## Meetings

Once every two weeks, the test team will convene to assess progress and identify mistake trends and concerns as soon as possible. Once every two weeks, the test team leader will meet with development and the project manager. These two meetings will take place on separate weeks. In the event of an emergency, more meetings can be called.

# TEST CASES/TEST ITEMS

## Test case-01:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:**  PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | | **Test Designed by:** Rifat Alam | |
| **Test Case ID:** AIUB\_01 | | | | **Test Designed date:** 12/08/2021 | |
| **Test Priority (Low, Medium, High):** High | | | | **Test Executed by:** Rifat Alam | |
| **Module Name:** Login Session | | | | **Test Execution date:** 12/08/2021 | |
| **Test Title:**  Verify login with exact username and password | | | |  | |
| **Description:** Test website login page | | | |  | |
| **Precondition (If any):** User must have a valid username and password then visiting website [Index (aiub.edu)](https://portal.aiub.edu/) | | | | | |
| Test Steps | Test Data | Expected Results | Actual Results | | Status (Pass/Fail) |
| 1. Go to the website  2. Enter username  3. Enter password  4. Click “Login” | Username: 18-36730-1  Password: 345789 | User should login into the application | As expected | | Pass |
| **Post Condition:** User is validated with the database and successfully log in to the account. The account session details are logged in the database. | | | | | |
|  |  |  |  |  |  |

## Test case-02:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | **Test Designed by:** Rifat Alam | | |
| **Test Case ID:** AIUB\_02 | | **Test Designed date:** 12/08/2021 | | |
| **Test Priority (Low, Medium, High):** High | | **Test Executed by:** Rifat Alam | | |
| **Module Name:** Login Session | | **Test Execution date:** 12/08/2021 | | |
| **Test Title:**  verify login with valid username and password. | |  | | |
| **Description:**  Test website login page | |  | | |
| **Precondition (If any):**   User must have a valid username and password then visiting website [Index (aiub.edu)](https://portal.aiub.edu/) | | | | |
| Test Steps | Test Data | Expected Results | Actual Results | Status (Pass/Fail) |
| 1. Go to the website  2. Enter username  3. Enter password  4. Click Login | Username: 18-36730-1  Password: Random | It brings to a page titled “Invalid username or password. Make sure you typed the user ID allocated to you by your organization. It normally looks like XX-XXXXX-X or XXXXXX And check to make sure you typed the correct password.” | As expected | Pass |
| **Post Condition:** None | | | | |

## Test case-03:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Rifat Alam | |
| **Test Case ID:** AIUB\_03 | | | **Test Designed date:** 12/08/2021 | |
| **Test Priority (Low, Medium, High):** High | | | **Test Executed by:** Rifat Alam | |
| **Module Name:** Click on “[Can’t access your portal?](https://portal.aiub.edu/ForgotPassword)” | | | **Test Execution date:** 12/08/2021 | |
| **Test Title:**  Clicking on “[Can’t access your portal?](https://portal.aiub.edu/ForgotPassword)” | | |  | |
| **Description:** Test the AIUB portal. | | |  | |
| **Precondition (If any):**   User must have a valid username then visit [Index (aiub.edu)](https://portal.aiub.edu/) | | | | |
| Test Steps | Test Data | Expected Results | Actual Results | Status (Pass/Fail) |
| 1. Clicking on “[Can’t access your portal?](https://portal.aiub.edu/ForgotPassword)”  2. Check the title of the page | Username: 18-36730-1 | Brings to a page titled “Reset Password” with information of captcha. | A page titled “Reset Password” contains information of captcha. | Pass |
| **Post Condition:** User is validated with the database and successfully log in to the account. The account session details are logged in the database. | | | | |

## **Test case-04:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Rifat Alam | | |
| **Test Case ID:** AIUB\_04 | | | **Test Designed date:** 12/08/2021 | | |
| **Test Priority (Low, Medium, High):** High | | | **Test Executed by:** Rifat Alam | | |
| **Module Name:** Homepage Session | | | **Test Execution date:** 12/08/2021 | | |
| **Test Title:**  verify login with valid username and password. | | |  | | |
| **Description:**  Test website Homepage | | |  | | |
| Precondition (If any):   User must have valid username and password then visiting website [Index (aiub.edu)](https://portal.aiub.edu/) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1.  Go to the website  2.  Enter username  3. Enter password  4. Click Login | Username: 18-36730-1  Password: 345789 | Brings to a page titled “AIUB portal”  with information about academics, grade reports, library, others, messages, notifications, settings and class schedules | | As expected | Passed |
| **Post Condition:** User is validated with the database and successfully get into the homepage. The account session details are logged in the database. | | | | | |

## Test Case-05:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** MD. Nahian Ahmed | | |
| **Test Case ID:** AIUB\_05 | | | **Test Designed date:** 12/08/2021 | | |
| **Test Priority (Low, Medium, High):** High | | | **Test Executed by:** MD. Nahian Ahmed | | |
| **Module Name:** Courses & Results | | | **Test Execution date:** 12/08/2021 | | |
| **Test Title:**  Check Courses & Results in AIUB student portal. | | |  | | |
| **Description:**  Test the Courses & Results | | |  | | |
| **Precondition (If any):**   Should be logged in Homepage (<https://portal.aiub.edu/Student>) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Click on ‘Courses & Results’ in Homepage | None | Should contain a title ‘Grade marks Quizzes and have Courses, Semesters, information about individual course results of the user | | As expected | Passed |
| Post Condition: User is validated with database and provided marks which is illustrated successfully | | | | | |

## Test Case-06:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** MD. Nahian Ahmed | | |
| **Test Case ID:** AIUB\_06 | | | **Test Designed date:** 12/08/2021 | | |
| **Test Priority (Low, Medium, High):** High | | | **Test Executed by:** MD. Nahian Ahmed | | |
| **Module Name:** Registration | | | **Test Execution date:** 12/08/2021 | | |
| **Test Title:**  Check Registration in AIUB student portal | | |  | | |
| **Description:**  Test the Registration | | |  | | |
| **Precondition (If any):**   Should be logged in Homepage (<https://portal.aiub.edu/Student>) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Click on ‘Registration’ in Homepage | None | Should contain a title ‘Registration’ along with the information of registered courses and fees of a particular semester | | As expected | Passed |
| **Post Condition:** User is validated with database, and printout paper comes out with user information of courses and fees | | | | | |

## Test Case-07:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** MD. Nahian Ahmed | | |
| **Test Case ID:** AIUB\_07 | | | **Test Designed date:** 12/08/2021 | | |
| **Test Priority (Low, Medium, High):** Medium | | | **Test Executed by:** MD. Nahian Ahmed | | |
| **Module Name:** Grade Reports | | | **Test Execution date:** 12/08/2021 | | |
| **Test Title:**  Check Grade Report in AIUB student portal | | |  | | |
| **Description:**  Test the Grade Report | | |  | | |
| **Precondition (If any):**   Should be logged in Homepage (<https://portal.aiub.edu/Student>) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Click on ‘Grade Report’ in Homepage | None | Should contain the title ‘Curriculum Grade Report’, have a print option and information about Core and Elective Curriculum of the user. | | As expected | Passed |
| Post Condition: None | | | | | |

## Test Case-08:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** MD. Nahian Ahmed | | |
| **Test Case ID:** AIUB\_08 | | | **Test Designed date:** 12/08/2021 | | |
| **Test Priority (Low, Medium, High):** High | | | **Test Executed by:** MD. Nahian Ahmed | | |
| **Module Name:** Welcome (User Name). | | | **Test Execution date:** 12/08/2021 | | |
| **Test Title:**  Check Welcome (User Name) in AIUB student portal | | |  | | |
| **Description:**  Test the Welcome (User Name) | | |  | | |
| **Precondition (If any):**   Should be logged in as DAS, BISHWAGIT Homepage (<https://portal.aiub.edu/Student>) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Click on ‘Welcome DAS, BISHWAGIT in Homepage | None | Should contain a title DAS, BISHWAGIT and have information about a logged student, a picture of logged student | | As expected | Passed |
| Post Condition: None | | | | | |

## Test Case-09:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by**: Bishwagit Das | | |
| **Test Case ID:** AIUB\_09 | | | **Test Designed date:** 12/08/2021 | | |
| **Test Priority (Low, Medium, High):** Low | | | **Test Executed by:** Bishwagit Das | | |
| **Module Name:** Academics | | | **Test Execution date:** 12/08/2021 | | |
| **Test Title:**  Check Academics in AIUB student portal | | |  | | |
| **Description:**  Test Academics | | |  | | |
| **Precondition (If any):**   Must login with valid username or password. Should login Homepage [Index (aiub.edu)](https://portal.aiub.edu/Student) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Click on ‘Academics’ | None | Should include a list of Courses & Results, Registration, Drop Application, Offered Courses, My Curriculum also Financials. | | As expected | Passed |
| Post Condition: In clicking any option, information of respective students is shown that are related to the database. | | | | | |

## Test Case-10:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Bishwagit Das | | |
| **Test Case ID:** AIUB\_10 | | | **Test Designed date:** 12/08/2021 | | |
| **Test Priority (Low, Medium, High):** Medium | | | **Test Executed by:** Bishwagit Das | | |
| **Module Name:** Grade Reports | | | **Test Execution date:** 12/08/2021 | | |
| **Test Title:**  Check Grade Reports in AIUB student portal | | |  | | |
| **Description:**  Test Grade Reports | | |  | | |
| **Precondition (If any):**   Must login with valid username or password. Should login Homepage [Index (aiub.edu)](https://portal.aiub.edu/Student) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Click on ‘Grade Reports’ | None | Should contain By Curriculum and By Semester | | As expected | Passed |
| Post Condition: User is validated with the database, and the grade report of respective students is shown.. | | | | | |

## Test Case-11:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Bishwagit Das | | |
| **Test Case ID:** AIUB\_11 | | | **Test Designed date:** 13/08/2021 | | |
| **Test Priority (Low, Medium, High):** Low | | | **Test Executed by:** Bishwagit Das | | |
| **Module Name:** Library | | | **Test Execution date:**13/08/2021 | | |
| Test Title: Check Library in AIUB student portal | | |  | | |
| **Description:** Test Library | | |  | | |
| **Precondition:** Must log in with valid user id and password. Should log in Homepage [Index (aiub.edu)](https://portal.aiub.edu/Student) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Click on ‘Library’ | None | Should contain Search Book, Current Borrows, Borrow History, Financial, UGC Digital Library, SAGE, Research4Life | | As expected | Pass |
| **Post Condition:** User is validated with database and current/past borrowing of books is listed. | | | | | |

## Test Case-12:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Bishwagit Das | | |
| Test Case ID: AIUB\_12 | | | **Test Designed date:** 13/08/2021 | | |
| **Test Priority (Low, Medium, High):** Low | | | **Test Executed by:** Bishwagit Das | | |
| **Module Name:** Others | | | **Test Execution date:**13/08/2021 | | |
| **Test Title:** Check Others in AIUB student portal | | |  | | |
| **Description:** Test Others | | |  | | |
| **Precondition:** Must log in with valid user id and password. Should log in Homepage [Index (aiub.edu)](https://portal.aiub.edu/Student) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | **Status (Pass/Fail)** |
| 1. Click on ‘Others’ | None | Should Applications, Parking Applications and Download Forms | | As expected | Pass |
| **Post Condition:** User is validated with database and downloaded forms, applications can be accessed. | | | | | |

## Test Case-13:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Rahul Paul | | |
| **Test Case ID:** AIUB\_13 | | | **Test Designed date:** 13/08/2021 | | |
| **Test Priority (Low, Medium, High):** Low | | | **Test Executed by:** Rahul Paul | | |
| **Module Name:** Messages | | | **Test Execution date:** 13/08/2021 | | |
| **Test Title:** Check Messages in AIUB student portal | | |  | | |
| **Description:** Test Messages | | |  | | |
| **Precondition:** Must log in with valid user id and password. Should log in Homepage [Index (aiub.edu)](https://portal.aiub.edu/Student) | | | | | |
| Test Steps | Test Data | Expected Results | | Actual Results | Status (Pass/Fail) |
| 1. Click on ‘Messages’ | None | Should contain Mail Box | | As expected | Pass |
| **Post Condition:** User is validated with database and messages in inbox, sent, draft and trash are shown. | | | | | |

## Test Case-14:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Rahul Paul | | |
| **Test Case ID:** AIUB\_14 | | | **Test Designed date:** 13/08/2021 | | |
| **Test Priority (Low, Medium, High):** Medium | | | **Test Executed by:** Rahul Paul | | |
| **Module Name:** Notifications | | | **Test Execution date:** 13/08/2021 | | |
| **Test Title:** Check Notifications in AIUB student portal | | |  | | |
| **Description:** Test Notifications | | |  | | |
| **Precondition:** Must log in with valid user id and password. Should log in Homepage [Index (aiub.edu)](https://portal.aiub.edu/Student) | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. Click on ‘Notifications’ | None | Should list down all the notes and notices sent by faculties | | As expected | Pass |
| **Post Condition:** User can see other notifications through ‘See All’ | | | | | |

## Test Case-15:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Rahul Paul | | |
| **Test Case ID:** AIUB\_15 | | | **Test Designed date:** 13/08/2021 | | |
| **Test Priority (Low, Medium, High):** Low | | | **Test Executed by:** Rahul Paul | | |
| **Module Name:** Settings | | | **Test Execution date:** 13/08/2021 | | |
| **Test Title:** Check Settings in AIUB student portal | | |  | | |
| **Description:** Test Settings | | |  | | |
| **Precondition:** Must log in with valid user id and password. Should log in Homepage [Index (aiub.edu)](https://portal.aiub.edu/Student) | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. Click on ‘Settings’ | None | Should contain Change Password | | As expected | Pass |
| **Post Condition:** User can change password | | | | | |

## Test Case-16:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Project Name:** PORTAL MANAGEMENT SYSTEM FOR AIUB STUDENT | | | **Test Designed by:** Rahul Paul | | |
| **Test Case ID:** AIUB\_16 | | | **Test Designed date:** 13/08/2021 | | |
| **Test Priority (Low, Medium, High):** High | | | **Test Executed by:** Rahul Paul | | |
| **Module Name:** Logout | | | **Test Execution date:** 13/08/2021 | | |
| **Test Title:** Check Logout in AIUB student portal | | |  | | |
| **Description:** Test Logout | | |  | | |
| **Precondition:** Must log in with valid user id and password. Should log in Homepage [Index (aiub.edu)](https://portal.aiub.edu/Student) | | | | | |
| **Test Steps** | **Test Data** | **Expected Results** | | **Actual Results** | **Status (Pass/Fail)** |
| 1. Click on ‘Logout | None | Should log out the user from the portal and bring back to login page | | As expected | Pass |
| **Post Condition:** None | | | | | |

# ITEM PASS/FAIL CRITERIA

The test process will be completed once the initial set of distributors have successfully sent in reassigned sales data for a period of one month and the new EDI data balances with the old ZIP/FAX data received in parallel. When the sales administration staff is satisfied that the data is correct the initial set of distributors will be set to active and all parallel stopped for those accounts.

# TEST DELIVERABLES

Test Deliverables are the artefacts which are given to the stakeholders of software project during the software development lifecycle. There are different test deliverables at every phase of the software development lifecycle.

* Acceptance test plan
* System/Integration test plan
* Unit test plans/turnover documentation
* Screen prototypes
* Report mock-ups
* Defect/Incident reports and summaries
* Test logs and turnover reports

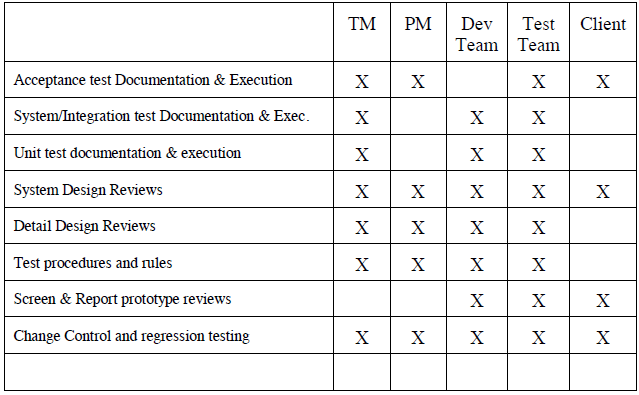
# STAFFING AND TRAINING NEEDS

It is preferred that there will be at least one (1) full time tester can be assigned to the project for the system/integration and acceptance testing phases of the project. This will require assignment of a person part time at the beginning of the project to participate in reviews etc... and approximately four months into the project they would be assigned full time. If a separate test person is not available the project manager/test manager will assume this role.

In order to provide complete and proper testing the following areas need to be addressed in terms of training.

* The developers and tester(s) will need to be trained on the basic operations of the EDI interface. Prior to final acceptance of the project the operations staff will also require complete training on the EDI communications process.
* The Test manager and Project Manager needs to collaborate with a administration personnel and train on the inner working of a course allocation flow and learn about available courses and prerequisite course needs. [Later more staff and training facilities will be added based on the earlier portion of this test plan document]

# RESPONSIBILITIES



# TESTING SCHEDULE

Time has been allocated within the project plan for the following testing activities. The specific dates and times for each activity are defined in the project plan timeline. The persons required for each process are detailed in the project timeline and plan as well. Coordination of the personnel required for each task, test team, development team, management and customer will be handled by the project manager in conjunction with the development and test team leaders.



# PLANNING RISKS AND CONTINGENCIES

* Requirements may get changed or updated. User (students) cannot edit name, ID but there is no provision on Gender, Email, Department or Address. To maintain correct data accusation and for administration to send messages and emails to students those needs to be only editable by some administration so that the update is recorded each time. It will require a 3rd user type as data entry personnel. This will result the delivery dates to be postponed. To avoid that the developer team can make the arrangements ahead. [Later more possible risks and contingency plans will be added based on the earlier portion of this test plan document]
* Limited Reassigned Sales staff. The Reassigned Sales administration staff currently has two positions unfilled. As a result of this staff shortage there may be delays in getting staff to review appropriate documents and to participate in the Acceptance test process. Should client staff become a problem, the appropriate dates for reviews and acceptance testing will slip accordingly. No attempt will be made to bypass any part of the review and testing processes.

# APROVALS

|  |  |
| --- | --- |
| **Approval** | **Personnel** |
| Documentation | Test manager then project manager |
| System Structure | Development Team Leader and Project Manager |
| Acceptance testing | Project Manager and Test Manager |
| Unit testing | Test Manager |
| Test Procedures and rules | Project manager and Test Manager |
| Data Validation | Administration Personnel |
| Final Project completion | Project Manager then Test Manager then administration personnel |
| User Interface Review | Test Manager then Development Team then client |