**Unit Test**

**Login Module**

Test Account: Admin(A)  
User ID: 1  
Password: 12345678

Test Account: Student(A)  
User ID: 2014100488  
Password: ilovecats

Test Account: Adviser/Standard Faculty(A)  
User ID: 201410048  
Password: iloveapc

Test Account: XD/PD(A)  
User ID: 201410049  
Password: apc4ever

Test#1  
Test Case: Admin Login Test  
Test Account: Admin(A)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch ACAMS 2. Enter User ID: 1 3. Enter Password: 12345678 4. Click Sign in Button | Redirected to the Admin User Page |

Test#2  
Test Case: Student Login Test  
Test Account: Student(A)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch ACAMS 2. Enter User ID: 2014100488 3. Enter Password: ilovecats 4. Click Sign in Button | Redirected to the Student User Page |

Test#3  
Test Case: Adviser/Standard Faculty Login Test  
Test Account: Adviser/Standard Faculty (A)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch ACAMS 2. Enter User ID: 201410048 3. Enter Password: iloveapc 4. Click Sign in Button | Redirected to the Adviser/Standard Faculty User Page |

Test#4  
Test Case: XD/PD Login Test  
Test Account: XD/PD (A)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch ACAMS 2. Enter User ID: 201410049 3. Enter Password: apc4ever 4. Click Sign in Button | Redirected to the XD/PD User Page |

Test#5  
Test Case: Admin Login Failed Test (Wrong User ID)  
Test Account: Admin(A)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch ACAMS 2. Enter User ID: 2 3. Enter Password: 12345678 4. Click Sign in Button | A label will appear saying “Invalid ID or Password!” |

Test#6  
Test Case: Student Login Failed Test (Wrong Password)  
Test Account: Student(A)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch ACAMS 2. Enter User ID: 2014100488 3. Enter Password: ilovedogs 4. Click Sign in Button | A label will appear saying “Invalid ID or Password!” |

Test#7  
Test Case: Adviser/Standard Faculty Login Failed Test (Blank/Empty)  
Test Account: Adviser/Standard Faculty(A)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch ACAMS 2. Enter User ID: <empty> 3. Enter Password: iloveapc 4. Click Sign in Button | A label will appear saying “Invalid ID or Password!” |

Test#8  
Test Case: XD/PD Login Failed Test (Case Sensitivity)  
Test Account: XD/PD(A)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch ACAMS 2. Enter User ID: 2014-10049 3. Enter Password: APC4ever 4. Click Sign in Button | A label will appear saying “Invalid ID or Password!” |

**Registration Module**

Test Account: Admin(B)

New User Information:

For Student:  
User ID: 2014100488  
Password: iwanttograduate  
Account Type: Student  
Account Privilege: Student  
BS Program: Computer Engineering  
APC Email: gcgecale@student.apc.edu.ph  
First Name: Gerald Matthew  
Last Name: Gecale  
Middle Initial: Castro  
Contact No.: 09176906029

Security Questions:

Question#1: What is your pet’s name?  
Answer#1: miming  
Question#2: What is the first name of the person you first kissed?  
Answer#2: wala  
Question#3: What is your favorite color?  
Answer#3: brown

For Faculty(Standard)/Adviser/XD/PD:  
User ID: 201410048  
Password: iloveamd  
Account Type: Faculty(Standard)/Adviser/XD/PD  
Account Privilege: Faculty(Standard)/Adviser/XD/PD  
BS Program: Computer Engineering  
APC Email: asporo@apc.edu.ph  
First Name: Aspire  
Last Name: Poro  
Middle Initial: Santiago  
Contact No.: 09176856734

Security Questions:

Question#1: What is your pet’s name?  
Answer#1: doggy  
Question#2: What is the first name of the person you first kissed?  
Answer#2: minsan  
Question#3: What is your favorite color?  
Answer#3: blue

Test#1  
Test Case: Add New Student User Test (1)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Admin User Menu 2. Click Quick Link: Add a New User | Redirect to the Account Verification Page |

Test#2  
Test Case: Add New Student User Test (2)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Account Verification) 2. Enter Student ID: 2014100488 3. Click Submit button | Redirect to Registration Page (Step 1) |

Test#3  
Test Case: Add New Student User Test (3)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 1) 2. Click Submit button | Redirect to Registration Page (Step 2) |

Test#4  
Test Case: Add New Student User Test (4)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 2) 2. Enter First Name: Gerald Matthew 3. Enter Middle Name: Castro 4. Enter Last Name: Gecale 5. Select BS Program: Computer Engineering 6. Enter Email Address: [gcgecale@student.apc.edu.ph](mailto:gcgecale@student.apc.edu.ph) 7. Enter Contact Number: 09176906029 8. Click Submit button | Redirect to Registration Page (Step 3) |

Test#5  
Test Case: Add New Student User Test (5)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 3) 2. Enter Password: ilovecats 3. Enter Confirm Password: ilovecats 4. Select Security Question#1: What is your pet’s name? 5. Answer: miming 6. Select Security Question#2: What is the first name of the person you first kissed? 7. Answer: wala 8. Select Security Question#3: What is your favorite color? 9. Answer: brown 10. Click Submit button | Redirect to Registration Page (Step 4) |

Test#6  
Test Case: Add New Student User Test (6)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 4) 2. Click Confirm button | The popup Your Account Has Been Created! will appear |

Test#7  
Test Case: Add New Faculty(Standard)/Adviser/XD/PD User Test  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Admin User Menu 2. Click Quick Link: Add a New User | Redirect to Account Verification Page |

Test#8  
Test Case: Add New Faculty(Standard)/Adviser/XD/PD User Test (2)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Account Verification) 2. Enter Student ID: 2014100488 3. Click Submit button | Redirect to Registration Page (Step 1) |

Test#9  
Test Case: Add New Faculty(Standard)/Adviser/XD/PD User Test (3)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 1) 2. Select Privileges (Standard/Adviser/Program Director/Executive Director) 3. Click Submit button | Redirect to Registration Page (Step 2) |

Test#10  
Test Case: Add New Faculty(Standard)/Adviser/XD/PD User Test (4)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 2) 2. Enter First Name: Aspire 3. Enter Middle Name: Santiago 4. Enter Last Name: Poro 5. Select BS Program: Computer Engineering 6. Enter Email Address: asporo[@apc.edu.ph](mailto:gcgecale@student.apc.edu.ph) 7. Enter Contact Number: 09176856734 8. Click Submit button | Redirect to Registration Page (Step 3) |

Test#11  
Test Case: Add New Faculty(Standard)/Adviser/XD/PD User Test (5)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 3) 2. Enter Password: iloveamd 3. Enter Confirm Password: iloveamd 4. Select Security Question#1: What is your pet’s name? 5. Answer: doggy 6. Select Security Question#2: What is the first name of the person you first kissed? 7. Answer: minsan 8. Select Security Question#3: What is your favorite color? 9. Answer: blue 10. Click Submit button | Redirect to Registration Page (Step 4) |

Test#12  
Test Case: Add New Faculty(Standard)/Adviser/XD/PD User Test (6)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 4) 2. Click Confirm button | The popup Your Account Has Been Created! will appear |

Test#13  
Test Case: Add New Student User Test: Case Sensitivity  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Account Verification) 2. Enter Student ID: 2014-100488 3. Click Submit button | A label will appear saying “Special character inputs are not allowed!” |

Test#14  
Test Case: Add New Faculty(Standard)/Adviser/XD/PD User Test: Case Sensitivity  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Account Verification) 2. Enter Student ID: 2014-10048 3. Click Submit button | A label will appear saying “Special character inputs are not allowed!” |

Test#15  
Test Case: Add New Student User Test: Blank/Empty Input  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Account Verification) 2. Enter Student ID: <empty> 3. Click Submit button | A label will appear saying “Input empty!” |

Test#16  
Test Case: Add New Faculty(Standard)/Adviser/XD/PD User Test: Blank/Empty Input  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Account Verification) 2. Enter Student ID: <empty> 3. Click Submit button | A label will appear saying “Input empty!” |

Test#17  
Test Case: Invalid Student User Email Input Test (Wrong format)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 2) 2. Enter First Name: Gerald Matthew 3. Enter Middle Name: Castro 4. Enter Last Name: Gecale 5. Select BS Program: Computer Engineering 6. Enter Email Address: [gcgecale@yahoo.com](mailto:gcgecale@yahoo.com) 7. Enter Contact Number: 09176906029 8. Click Submit button | A label will appear saying “Invalid email format/Email does not exist!” |

Test#18  
Test Case: Invalid Faculty(Standard)/Adviser/XD/PD Email Input Test (Does not exist)  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 2) 2. Enter First Name: Aspire 3. Enter Middle Name: Santiago 4. Enter Last Name: Poro 5. Select BS Program: Computer Engineering 6. Enter Email Address: [pororo@apc.edu.ph](mailto:pororo@apc.edu.ph) 7. Enter Contact Number: 09176856734 8. Click Submit button | A label will appear saying “Invalid email format/Email does not exist!” |

Test#19  
Test Case: Blank input for Security Questions Test  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 3) 2. Enter Password: ilovecats 3. Enter Confirm Password: ilovecats 4. Select Security Question#1: What is your pet’s name? 5. Answer: 6. Select Security Question#2: What is the first name of the person you first kissed? 7. Answer: 8. Select Security Question#3: What is your favorite color? 9. Answer: 10. Click Submit button | A label will appear saying “Please fill out all the required fields!” |

**User Information Module**

Test Account: Admin(B)

Test#1  
Test Case: Update Password Test  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Admin Page 2. Click Quick Link: Update Password 3. Enter User ID: 2014100488 | Redirect to figure # |

Test#2  
Test Case: Update Security Questions and Password Test  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 3) 2. Enter Password (for new password):newpass 3. Enter Confirm Password: newpass 4. Reselect Question#1 to: What is your mother’s maiden name? 5. Enter Answer: mommaiden 6. Click Submit | The popup figure # will appear |

Test#3  
Test Case: Update Password Test: Mismatch  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 3) 2. Enter Password (for new password):newpass 3. Enter Confirm Password: oldpass 4. Click Submit | The popup figure # will appear |

Test#4  
Test Case: Update Security Questions Test: Blank Input  
Test Account: Admin(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Registration Page (Step 3) 2. Reselect Question#1 to: What is your mother’s maiden name? 3. Enter Answer: 4. Click Submit | A label will appear saying “Please fill out all the required fields!” |

**Case Module**

Test Account: Student(B)

Case Information:  
Case Title: DFD and ERD Consultation  
Nature: Academic  
Category: Project  
Sub-category: Consultation  
Case Priority: Normal  
Subject: SYSADLC  
Faculty: Yong, Einstein  
Case Notes: Consultation for the initial design of the Entity Relationship Diagram and Data Flow Diagram (Context Diagram).

Test#1  
Test Case: Create a Case Test (Step 1)  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Student User Page 2. Click Button New Case | Redirect to figure # |

Test#2  
Test Case: Create a Case Test (Step 2)  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Create a Case Page 2. Enter Case Title: DFD and ERD Consultation 3. Nature: Academic 4. Category: Project 5. Sub-category: Consultation 6. Case Priority: Normal 7. Subject: SYSADLC 8. Faculty: Yong, Einstein 9. Click Save | The popup Generate Case Number will appear. |

Test#3  
Test Case: Create a Case Test (Step 3)  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On Generate Case Number Popup 2. Click Done | Redirect to Create a Case Page |

Test#4  
Test Case: Create a Case Test (Step 4)  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On the Create a Case Page 2. Click Add Notes | The popup figure # will show |

Test#5  
Test Case: Create a Case Test (Step 5)  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On the Case Notes Popup 2. Enter Notes: Consultation for the initial design of the Entity Relationship Diagram and Data Flow Diagram (Context Diagram). 3. Click Save | Redirect to Student User Page |

Test#6  
Test Case: Create a Case Test (Step 2): Blank Title  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Create a Case Page 2. Enter Case Title: Consultation 3. Nature: Academic 4. Category: Project 5. Sub-category: Consultation 6. Case Priority: Normal 7. Subject: SYSADLC 8. Faculty: Yong, Einstein 9. Click Save | A label will appear saying “Please fill out all the required fields!” |

Test#7  
Test Case: View Case by Case ID Test (Step 1)  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Student User Page 2. Click Search Case ID | A popup will appear where the user will enter the Case ID |

Test#8  
Test Case: View Case by Case ID Test (Step 2)  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On the popup 2. Enter Case ID: <generated from earlier> 3. Click Submit | Redirect to Case Page |

Test#9  
Test Case: View Case by Case ID Test (Step 2) : Case Sensitivity  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On the popup 2. Enter Case ID: <generated from earlier> + <any foreign or special characters> 3. Click Submit | Label message in the popup will appear saying “Case does not exist!” |

Test#10  
Test Case: View Case by Case ID Test (Step 2): Blank Input  
Test Account: Student(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On the popup 2. Enter Case ID: <generated from earlier> + <any foreign or special characters> 3. Click Submit | A label will appear saying “Please fill out all the required fields!” |

**Report Module**

Test Account: XD/PD(B)

Report Information**:**

All Cases:  
Case Status: Open  
Date Range: 02/05/18-03/08/18  
Nature: Academic  
Category: Tutorial  
Sub-category: Failed

All Cases per Faculty ID:  
Case Status: Close  
Date Range: 01/08/18-02/08/18  
Nature: Curricular  
Category: Enrollment  
Sub-category: Advising

All Cases by Faculty ID:  
Faculty ID: 201510042  
Case Status: Open  
Date Range: 01/08/18-03/08/18  
Nature: Academic  
Category: Student Outcome  
Sub-category: Failed

All Cases by Student ID:  
Student ID: 2015100422  
Case Status: Open  
Date Range: 02/08/18-03/08/18  
Nature: Academic  
Category: Tutorial  
Sub-category: Current Subjects

Test#1  
Test Case: View All Cases(Selected) Test  
Test Account: XD/PD(B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch XD/PD Page 2. Click Quick Link: View All Cases 3. Enter Case Status: Open 4. Enter Date Range: 02/05/18-03/08/18 5. Enter Nature: Academic 6. Enter Category: Tutorial 7. Enter Sub-category: Failed 8. Click Generate Report | A file explorer will popup to allow the users to locate on where he/she will save the pdf file of the selected reports. |

Test#2  
Test Case: View All Cases Per Faculty ID Test  
Test Account: XD/PD (B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch XD/PD Page 2. Click Quick Link: View All Cases 3. Enter Case Status: Close 4. Enter Date Range: 01/08/18-02/08/18 5. Enter Nature: Curricular 6. Enter Category: Enrollment 7. Enter Sub-category: Advising 8. Click Generate Report | A file explorer will popup to allow the users to locate on where he/she will save the pdf file of the selected reports. |

Test#3  
Test Case: View All Cases by Faculty ID Test  
Test Account: XD/PD (B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch XD/PD Page 2. Click Quick Link: View All Cases 3. Enter Faculty ID: 201510042 4. Enter Case Status: Open 5. Enter Date Range: 01/08/18-03/08/18 6. Enter Nature: Academic 7. Enter Category: Student Outcome 8. Enter Sub-category: Failed 9. Click Generate Report | A file explorer will popup to allow the users to locate on where he/she will save the pdf file of the selected reports. |

Test#4  
Test Case: View All Cases by Student ID Test  
Test Account: XD/PD (B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch XD/PD Page 2. Click Quick Link: View All Cases 3. Enter Student ID: 2015100422 4. Enter Case Status: Open 5. Enter Date Range: 02/08/18-03/08/18 6. Enter Nature: Academic 7. Enter Category: Tutorial 8. Enter Sub-category: Current Subjects 9. Click Generate Report | A file explorer will popup to allow the users to locate on where he/she will save the pdf file of the selected reports. |

Test#5  
Test Case: View All Cases by Student ID (Can also be for Faculty ID): Case Sensitivity Test  
Test Account: XD/PD (B)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch XD/PD Page 2. Click Quick Link: View All Cases 3. Enter Student ID: 2015-100422 4. Enter Case Status: Open 5. Enter Date Range: 02/08/18-03/08/18 6. Enter Nature: Academic 7. Enter Category: Tutorial 8. Enter Sub-category: Current Subjects 9. Click Generate Report | A label will appear saying “Special characters are not allowed in the user ID field!” |

**Information Export Module**

Test Account: Faculty(Standard)/Adviser/XD/PD(B&D)

When searching for a student:  
User ID: 2014100488

When searching for a case:  
Case ID: 0000000001

Test#1  
Test Case: View Case by Case ID Test (Step 1)  
Test Account: Faculty(Standard)/Adviser/XD/PD(D)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. Launch Faculty(Standard)/Adviser/XD/PD(D) User Page 2. Click Search Case ID | A popup will appear where the user will enter the Case ID |

Test#2  
Test Case: View Case by Case ID Test (Step 2)  
Test Account: Faculty(Standard)/Adviser/XD/PD(D)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On the popup 2. Enter Case ID: <generated from earlier> 3. Click Submit | Redirect to Case Page |

Test#3  
Test Case: View Case by Case ID Test (Step 2) : Case Sensitivity  
Test Account: Faculty(Standard)/Adviser/XD/PD(D)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On the popup 2. Enter Case ID: <generated from earlier> + <any foreign or special characters> 3. Click Submit | Label message in the popup will appear saying “Case does not exist!” |

Test#4  
Test Case: View Case by Case ID Test (Step 2): Blank Input  
Test Account: Faculty(Standard)/Adviser/XD/PD(D)

|  |  |
| --- | --- |
| **Test Scripts** | **Expected Output** |
| 1. On the popup 2. Enter Case ID: <generated from earlier> + <any foreign or special characters> 3. Click Submit | A label will appear saying “Please fill out all the required fields!” |