**Software Artifacts**

**User Stories**

* As an adviser, i can search student so that i will know if the student is enrolled or not.

Student is searched, displays the status of the student (enrolled or not enrolled).

* As an adviser, i can add a subject to the system so that the student can enroll.

Subject is added to the system, student can now enroll to the subject.

* As an adviser, i can add a student so that i can enroll a student to the program.

Added new student to the program.

* As an adviser, i can put grade to the subject so that i can assess him/her.

Subject has been graded.

* As an adviser, i can update a student so that i can know the no. of units he/she can take for the semester.

Updated the Student enrolled. Displays the total no. of units a particular student is taking for that semester.

* As an adviser, i can search a subject so that i will know if the student is enrolled in a particular subject.

Subject is searched. Displays the student who enrolled to the subject.

* As a student, i can view my Student page so that I will know the subjects I am enrolled and its schedules.

Displays all the subjects and its schedules a student is taking for  the particular semester.

* As an adviser, i can print the COR of the student so that he/she will have a hard copy he/she can carry.

COR is printed.

**SPRINT 01 Use & Test Cases**

**Name: Add Program**

Description: A Graduate Program is added to a Graduate Studies Program

Actor:Adviser

Pre-Condition: Program Name

Post-Condition: A Program is added.

Main Course:

1. In the mainpage adviser clicks on “Programs Offered” button.

2.  Adviser clicks on “New Program” button.

3.  A form will be filled in with the program information.

4.  Adviser selects the subject/s for  .

**Scenario 1: Add Program**

**Given:** Program Name, Student & Subject.

|  |  |
| --- | --- |
| Program Name | MS Computer Science |
| Student | Juan dela Cruz |
| Subject |  |

**When:** Adviser adds a program.

|  |  |
| --- | --- |
| Clicks | “PROGRAMS OFFERED” button |
| Clicks | “New Program” button |
| Fill-ups | Program Name |
| Select s | Subjects |
| Clicks | “Add Program” |

**Then:** Program has been added to the system.

**Name: Add Student**

Description:A student is added to a Graduate Studies program.

Actor: Adviser  
Pre-Condition: Student ID  
Post-Condition: A student is added.

Main Course:

1. Adviser inputs student id number on Search bar.   
 1a. If student is found, Adviser clicks on Add Subjects.

1b. If not, Adviser clicks on add Student. A form will be filled in with the student’s information.

2. Adviser clicks on Ok button.

3. The student is added to the system.

**Scenario Test 2: Add Student**

**Given:**  Student has Student ID Number,  Student Name,  Under Grad Course, Course Track, Program, Date Enrolled, Year & Semester,  & Requirements( GPA of above 2.0 & has suitable background).

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STUDENT ID NUMBER | STUDENT NAME | UNDER GRAD COURSE | COURSE TRACK | PROGRAM | DATE ENROLLED | YEAR & SEMESTER | GPA of above2.0 | Has suitable background |
| 2013-1234 | Cruz, Juan A. | BSCS | MSCS | Program 1 | 11/3/2013 | 2013-2014 Sem 2 | Yes | Yes |

**When:**  Adviser add a Student.

|  |  |
| --- | --- |
| Clicks | “ENROLLEES” button |
| Clicks | “New Student” button |
| Fill-ups | Student Form |
| Clicks | “Add Student” button |

**Then:** Student has been added to the system.

**Scenario Test 3: Add Student(unfilled)**

**Given:**  Student has Student ID Number,  Student Name,  Under Grad Course, Course Track, Program, Date Enrolled, Year & Semester,  & Requirements( GPA of above 2.0 & has suitable background).

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| STUDENT ID NUMBER | STUDENT NAME | UNDER GRAD COURSE | COURSE TRACK | PROGRAM | DATE ENROLLED | YEAR & SEMESTER | Gpa of above2.0 | Has suitable background |
| 2013-1234 | Cruz, Juan A. |  |  |  | 11/3/2013 | 2013-2014 Sem 2 |  |  |

**When:**  Adviser adds a Student.

|  |  |
| --- | --- |
| Clicks | “ENROLLEES” button |
| Clicks | “New Student” button |
| Fills up and leaves a field unfilled | Student Form |
| Clicks | “Add Student” button |

**Then:** A notification “Please fill up this field” will pop up to the unfilled field.

          System will not be able to add a Student.

**Name: Add Subjec**t  
Description: A subject is added to a Graduate Student’s record.  
Actor: Adviser  
Pre-Condition: Student ID  
Post-Condition: A subject is added to a Student’s record.

Main Course:

1. Adviser clicks on Student. Clicks on Search Bar and inputs Student ID number.  
 2. On a particular Student page, clicks on Add Subject. A list of Subjects offer will appear.  
 3. Selects on subject/s a Student will take for a particular semester.

4. Clicks on Ok button.

5. System stores changes.

**Scenario Test 4: Add Subject**

**Given:**  Subject Code, Subject Description, Unit Load, Is Core, YearSem, Program, & Student.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| SUBJECT CODE | SUBJECT DESCRIPTION | UNIT LOAD | Is CORE | YEARSEM | PROGRAM | STUDENT |
| CSC101 | Computer  Programming | 3 | Yes | 2013-2014 Sem 2 | Program 1 | Cruz, Juan A. |

**When:** Adviser add a Subject.

|  |  |
| --- | --- |
| Clicks | “COURSES” button |
| Clicks | “New Subject” button |
| Fill-ups | Subject Form |
| Clicks | “Add Subject” button |

**Then:** Subject has been added to the system.

**Name: Add Grade**

Actor: Adviser  
Pre-Condition: Student ID  
Post-Condition: A Student has a Grade to a certain Subject .

Main Course:

1. Adviser clicks on the Student, selects a particular Student Id No on Student List Page.

2. On Student Profile selects a certain .

3. Adds a grade to a Student it’s either

                (1.0, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 5.0, INC, DRP,or WDRW)

4. ClicksSystem stores changes.

***Scenario Test 5 : Add Grade***

**Given:** Subject Name, & Grade.

|  |  |
| --- | --- |
| Juan A. Cruz |  |
| Subject Name | Grade |
| CSC 101 Computer Programming | 1.50 |

**When:** Adviser puts a grade to a particular Student.

|  |  |
| --- | --- |
| Clicks | “STUDENT” button |
| Clicks | A particular student ID number |
| Fill-ups | Student Grade Form |
| Clicks | “Add Grade” |
| Selects | “Grade” (1.0,1.25,1.50,…,5.0,INC,DROP) |
| Selects | “Subject” |
| Clicks | “Create” |

**Then:** Student has a grade in her/his subjects.

***Scenario Test 6 : Add Grade(unfilled)***

**Given:** Subject Name, & Grade.

|  |  |
| --- | --- |
| Juan A. Cruz |  |
| Subject Name | Grade |
| CSC 101 Computer Programming |  |

**When:** Adviser puts a grade to a particular Student.

|  |  |
| --- | --- |
| Clicks | “STUDENT” button |
| Clicks | A particular student ID number |
| Fill-ups | Student Grade Form |
| Clicks | “Add Grade” |
| Selects none grade | “Grade” (1.0,1.25,1.50,…,5.0,INC,DROP) |
| Selects | “Subject” |
| Clicks | “Create” |

**Then:** A notification “Please fill up this field” will pop up to the unfilled field.

System will not be able to add a Grade.

**Name: Add YearSem**

Actor: Adviser  
Pre-Condition: YearSem  
Post-Condition: A YearSem has added to the system .

Main Course:

1. On YearSem List Page the Adviser clicks on “New YearSem” link.

2. On Create YearSem Page inputs the Year and selects the Semester it’s either

(1st semester, 2nd semester, or Summer).

3. Clicks on Create button.

4. A Yearsem has created and system stores changes.

***Scenario Test 7 : Add YearSem***

**Given:** Year and Semester.

|  |
| --- |
| Year |
| Sem |

**When:** Adviser adds a YearSem on the System.

|  |  |
| --- | --- |
| Clicks | “YearSem List Page” |
| Clicks | “New YearSem” link. |
| Inputs | Year |
| Selects | Sem(1st semester, 2nd semester, or Summer). |
| Clicks | Create buttton |