**Document**

**Of**

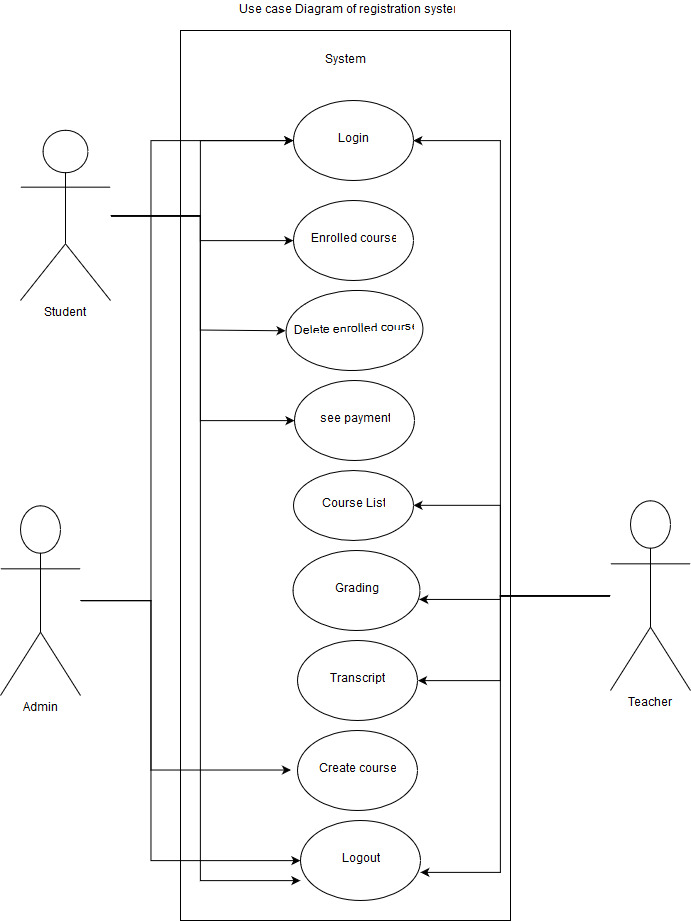
**SE323 Term project 1 Presentation  
Due date : - 3 - 2018**

**By**

**Chawit Sommana 582115014  
Thanarit Lopetcharat 582115026  
Pattaratorn Sawaisorn 582115039  
Supakorn Kantatewee 582115043**

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College of Art Media and Technologies**

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Teacher : Teacher on this system.  
Admin : Adminstrator of system.

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URS 2 : Student can Login on Teacher mode  
URS 3 : Admin can Login on Admin mode

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URS 5 : Teacher can grading to another student

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URS 11 : Student can see List of enrolled course on main page

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Description : Admin can see existed course  
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**User Requirement specification with Software Requirement Specification**

**Feature # 1 Login page**  
**Description : System provide Homepage of Login page for User**URS 1 : Teacher can Login on Teacher mode

SRS-01: System provide “Teacher Login button”  
SRS-02 :System show field Username and Password  
SRS-03 :System provide “Login” button.

URS 2 : Student can Login on Teacher mode

SRS-04: System provide “Teacher Login button”  
SRS-05 :System show field Username and Password on Teacher mode  
SRS-06 :System provide “Login” button on Teacher mode

URS 3 : Admin can Login on Admin Mode

SRS-07 :System show field Username and Password on Admin mode  
SRS-08: System provide “Login” button on Admin mode

**Feature # 2 Grading system  
Description : Teacher can give the grading to another student**  
URS 4 : Teacher can choose courst list in responsible of teacher.

SRS-09:System provide “Grading” on menu tab.  
SRS-10:System show teaching course

URS 5 : Teacher can grading to another student

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**Feature # 3 Teaching course list.**  
**Description : Teacher can see Teaching detail of teaching courses.**URS 6 : Teacher can see teaching courses list on main page

SRS-14:System provide teaching course list on main page of Teacher  
 SRS-15:Another Course of teaching can link to grading system.

**Feature # 5 Transcript**   
**Description : Teacher can see result of grade sort by course name of teaching**  
 SRS-16 : System provide “Transcript” on menu bar.

URS 7 : Teacher can see List of student in another course of teaching

SRS-17:System show data about teaching course and summary details of another   
 courses.  
 SRR-18:System show List of students.  
URS 8 : Teacher can see the grade of another student .

SRS-19:System show data about teaching course and summary details of another   
 courses.  
 SRR-20:System show List of students.  
 SRS-21:System show result of grade base on another student.

**Feature 6 # Logout**  
**Description : Teacher and Student can Logout from system**  
URS 9 : Teacher can Logout to system.

SRS-22:System provide logout button on Teacher session.  
URS 10 : Student can Logout to system.

SRS-23:System provide logout button on Student session.

**Feature 7 # List of Enrolled course of student**  
**Description : Student can see list of enrolled course**  
URS 11 : Student can see List of enrolled course on main page

SRS-24:System provide List of enrolled course on mainpage

**Feature 8 # Delete enrolled course**  
**Description : Student deleted course from enrolled list**URS 12 : Student can delete enrolled course from list

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 SRS-26:System have a “delete” button on another course

**Feature 9 # Add course**  
**Description : Student can add course for enrolled**   
URS 13 : Student can add course from Add course menu

SRS-27:System provide “Add course” on menu bar  
 SRS-28:System show data of available course for enroll  
 SRS-29:System have a “add” button on another course.

**Feature 10 # Payment**   
**Description : Student can see Total of tuition fee and detail of course**   
URS14 : Student can see total of tuition fee

SRS-30:System provide “payment” on menu bar  
SRS-31:System show Total of Tuition fee in Baht.

URS15 : Student can see detail of tuition fee of another course

SRS-32:System provide “payment” on menu bar  
 SRS-33:System show list of enrolled course and have detail of credit and cost.

**Feature 11 # Admin can Create course to system.**  
**Description : Admin can create course into the system.**  
URS16 : Admin can create course on menu Create course

SRS-34:System provide “Create course” button on menu bar   
 SRS-35:System provide text box “CourseID”  
 SRS-36:System provide text box “CourseName”  
 SRS-37:System provide text box “TeacherName”  
 SRS-38:System provide text box “Semester”  
 SRS-39:System provide text box “Academic Year”  
 SRS-40:System provide text box “Maximum Seat”  
 SRS-41:System provide text box “Number of Credit”

**Feature 12 # Existed Course**  
**Description : Admin can see existed course**  
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**UseCase Desctiption**

**Feature # 1 Login page**  
Description : System provide Homepage of Login page for User   
URS 1 : Teacher can Login on Teacher mode  
URS 2 : Student can Login on Teacher mode  
URS 3 : Admin can Login on Admin mode

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Use Case ID | **UCD-01** | | | | |
| Use Case Name | User Login | | | | |
| Created By | Thanarit Lopetcharat | | Last Update By | Thanarit Lopetcharat | |
| Date Created | 27-2-2018 | | Last Revision Date | 25-3-2018 | |
| Actors | User | | | | |
| Description | User can login into the system based on character of user | | | | |
| Trigger | Users click Login | | | | |
| Preconditions | -User have a Internet connections  -User available in Mainpage of system.  -User have Username and Password | | | | |
| Use Case Input Specification | | | | | |
| Input | type | Constraint | | | Example |
| E-mail | String | Set of the string together within English alphabet and Arabic numerical including some special symbol. | | | “willia@cmu.ac.th” |
| Password | String | Set of the string together within English alphabet and Arabic numerical including some special symbol. | | | “123abc” |
| Post conditions | User can access to Registration system. | | | | |
| Normal Flows | User | | System | | |
|  | **NF-01:** User click Login  **NF-03:** User input Email and Password  **NF-04:** User click Login | | **NF-02:** System provide Login Page.  **NF-05:** System check input from user  **NF-06:** System provide Profile page. | | |
| Alternative Flow | **NF-05**, if system not found Username or password .System cannot provide profile page to user. | | | | |
| Exception Flow | User loss of internet connection. | | | | |
| Assumption | 1. User understand English. | | | | |

**Feature # 2 Grading system**Description : Teacher can give the grading to another student  
URS 4 : Teacher can choose course list in responsible of teacher.  
URS 5 : Teacher can grading to another student

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | **UCD-02** | | |
| Use Case Name | Grading System | | |
| Created By | Thanarit Lopetcharat | Last Update By | Thanarit Lopetcharat |
| Date Created | 27-2-2018 | Last Revision Date | 25-3-2018 |
| Actors | Teacher | | |
| Description | Teacher can give the grading to another student | | |
| Trigger | Teacher click grading menu | | |
| Preconditions | -Teacher have a Internet connections  -Teacher available on Grading menu | | |
| Post conditions | User can add Course from course list for enrolled. | | |
| Normal Flows | User | System | |
|  | **NF-01:** Teacher click List of teaching course  **NF-0:**Teacher grading into system | **NF-02:** System provide student list **NF-03**: System provide Grade menu for  grading | |
| Alternative Flow | **-** | | |
| Exception Flow | User loss of internet connection. | | |
| Assumption | 1. User understand English. | | |

**Feature # 3 Teaching course list.**  
Description : Teacher can see Teaching detail of teaching courses.  
URS 6 : Teacher can see teaching courses list on main page

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | **UCD-03** | | |
| Use Case Name | Teacher see the course list . | | |
| Created By | Thanarit Lopetcharat | Last Update By | Thanarit Lopetcharat |
| Date Created | 27-7-2018 | Last Revision Date | 27-7-2018 |
| Actors | Teacher | | |
| Description | Teacher can see Teaching detail of teaching courses. | | |
| Trigger | Users click must open main page of teacher mode | | |
| Preconditions | -User have a Internet connections  -Teacher available in Mainpage of teacher mode. | | |
| Post conditions | Teacher can see teaching course. | | |
| Normal Flows | User | System | |
|  |  | **NF-01:** System provide course list of teaching and detail of another course | |
| Alternative Flow | **-** | | |
| Exception Flow | User loss of internet connection. | | |
| Assumption | 1. User understand English. | | |

**Feature # 4 Transcript**   
Description : Teacher can see result of grade sort by course name of teaching  
URS 7 : Teacher can see List of student in another course of teaching  
URS 8 : Teacher can see the grade of another student .

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | **UCD-04** | | |
| Use Case Name | Transcript | | |
| Created By | Thanarit Lopetcharat | Last Update By | Thanarit Lopetcharat |
| Date Created | 27-2-2018 | Last Revision Date | 25-3-2018 |
| Actors | Teacher | | |
| Description | Teacher can see result of grade sort by course name of teaching | | |
| Trigger | Users click Tracnscript | | |
| Preconditions | -User have a Internet connections  -User available on Transcript page | | |
| Post conditions | User can see grade of student depend on another courses | | |
| Normal Flows | User | System | |
|  | **NF-01:** User click Course | **NF-02:** System show list of student and Grade of student | |
| Alternative Flow | **-** | | |
| Exception Flow | User loss of internet connection. | | |
| Assumption | 1. User understand English. | | |

**Feature 5 # Logout**  
Description : Teacher and Student can Logout from system  
URS 9 : Teacher can Logout to system.  
URS 10 : Student can Logout to system.  
URS 11 : Admin can Logout to system.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Use Case ID | **UCD-05** | | | | |
| Use Case Name | User Logout | | | | |
| Created By | Thanarit Lopetcharat | | Last Update By | Thanarit Lopetcharat | |
| Date Created | 27-2-2018 | | Last Revision Date | 25-3-2018 | |
| Actors | User | | | | |
| Description | User can logout into the system based on character of user | | | | |
| Trigger | Users used this system. | | | | |
| Preconditions | -User have a Internet connections | | | | |
| Use Case Input Specification | | | | | |
| Input | type | Constraint | | | Example |
| - | - | - | | | - |
| - | - | - | | | - |
| Post conditions | User can logout to Registration system. | | | | |
| Normal Flows | User | | System | | |
|  | **NF-01:** User click Logout | | **NF-02:** System Logout from system. | | |
| Alternative Flow | **-** | | | | |
| Exception Flow | User loss of internet connection. | | | | |
| Assumption | 1. User understand English. | | | | |

**Feature 6 # List of Enrolled course of student**  
Description : Student can see list of enrolled course  
URS 12 : Student can see List of enrolled course on main page

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | **UCD-06** | | |
| Use Case Name | List of enrolled course of student | | |
| Created By | Thanarit Lopetcharat | Last Update By | Thanarit Lopetcharat |
| Date Created | 27-2-2018 | Last Revision Date | 25-3-2018 |
| Actors | Student | | |
| Description | Student can see list of enrolled course | | |
| Trigger | Student can Login into this system | | |
| Preconditions | -User have a Internet connections  -User available on this system | | |
| Post conditions | Student can see Enrolled course | | |
| Normal Flows | User | System | |
|  | **NF-01:** student click Main | **NF-02:** system show enrolled course | |
| Alternative Flow | **-** | | |
| Exception Flow | User loss of internet connection. | | |
| Assumption | 1. User understand English. | | |

**Feature 7 # Delete enrolled course**  
Description : Student deleted course from enrolled list  
URS 13 : Student can delete enrolled course from list

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | **UCD-07** | | |
| Use Case Name | Deleted enrolled course | | |
| Created By | Thanarit Lopetcharat | Last Update By | Thanarit Lopetcharat |
| Date Created | 27-2-2018 | Last Revision Date | 25-3-2018 |
| Actors | Student | | |
| Description | Student deleted course from enrolled list | | |
| Trigger | Student can Login into this system | | |
| Preconditions | -User have a Internet connections  -User available on this system | | |
| Post conditions | Student can see delete enrolled course from list | | |
| Normal Flows | User | System | |
|  | **NF-01:** student click Main **NF-03:**Student click delete | **NF-02:** system show enrolled course  **NF-04:**System delete course from enrolled list | |
| Alternative Flow | **-** | | |
| Exception Flow | User loss of internet connection. | | |
| Assumption | 1. User understand English. | | |

**Feature 8 # Add course**  
Description : Student can add course for enrolled   
URS 14 : Student can add course from Add course menu

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | **UCD-08** | | |
| Use Case Name | Add course | | |
| Created By | Thanarit Lopetcharat | Last Update By | Thanarit Lopetcharat |
| Date Created | 27-2-2018 | Last Revision Date | 25-3-2018 |
| Actors | Student | | |
| Description | Student can add course for enrolled | | |
| Trigger | Student can Login into this system | | |
| Preconditions | -User have a Internet connections  -User available on this system | | |
| Post conditions | Student can see add course | | |
| Normal Flows | User | System | |
|  | **NF-01:** student click Addcourse  **NF-03:**Student click ADD | **NF-02:** system show avaliavble course details for enroll  **NF-04:**System will enroll course into system | |
| Alternative Flow | **-** | | |
| Exception Flow | User loss of internet connection. | | |
| Assumption | 1. User understand English. | | |

**Feature 9 # Payment**   
Description : Student can see Total of tuition fee and detail of course   
URS15 : Student can see total of tuition fee  
URS16 : Student can see detail of tuition fee of another course

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | **UCD-09** | | |
| Use Case Name | Payment | | |
| Created By | Thanarit Lopetcharat | Last Update By | Thanarit Lopetcharat |
| Date Created | 27-2-2018 | Last Revision Date | 25-3-2018 |
| Actors | Student | | |
| Description | Student can see Total of tuition fee and detail of course | | |
| Trigger | Student can Login into this system | | |
| Preconditions | -User have a Internet connections  -User available on this system | | |
| Post conditions | Student can see payment details | | |
| Normal Flows | User | System | |
|  | **NF-01:** student click Payment | **NF-02:** system show detail of Total payment **NF-03**:Sysyem show total of tuition fee in Baht | |
| Alternative Flow | **-** | | |
| Exception Flow | User loss of internet connection. | | |
| Assumption | 1. User understand English. | | |

**Feature 10 # Admin can Create course to system.**  
Description : Admin can create course into the system.  
URS17 : Admin can create course on menu Create course

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Use Case ID | **UCD-10** | | | | |
| Use Case Name | Create course to system | | | | |
| Created By | Thanarit Lopetcharat | | Last Update By | Thanarit Lopetcharat | |
| Date Created | 27-2-2018 | | Last Revision Date | 25-3-2018 | |
| Actors | Admin | | | | |
| Description | Admin can create course into the system. | | | | |
| Trigger | Admin can Login into this system | | | | |
| Preconditions | -User have a Internet connections  -User available on this system | | | | |
| Use Case Input Specification | | | | | |
| Input | type | Constraint | | | Example |
| CourseID | Int | Set of integer number . | | | 953211 |
| CourseName | String | Set of the string together within English alphabet. | | | Software maintainance |
| TeacherName | String | Set of the string together within English alphabet and symbol. | | | Dr.Jessada |
| Semester | Int | Set of integer number. | | | 1 |
| AcademicYear | Date | Ser of date . | | | 1996 |
| MaximumSeat | Int | Set of integer number. | | | 50 |
| NumberOfcredit | Int | Set of integer number. | | | 3 |
| Post conditions | User can logout to Registration system. | | | | |
| Normal Flows | User | | System | | |
|  | **NF-01:** Admin click Create course  **NF-03:**Admin input set of data to system  **NF-04:**Click Create course | | **NF-02:** System provide text box for input detail for create course  **NF-05:** System will create course for admin into the system. | | |
| Alternative Flow | **-** | | | | |
| Exception Flow | User loss of internet connection. | | | | |
| Assumption | 1. User understand English. | | | | |

**Feature 11 # Existed Course.**  
Description : Admin can see existed course  
URS 18 : Admin can see detail of existed course on main page of Admin.

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case ID | **UCD-11** | | |
| Use Case Name | Existed Course | | |
| Created By | Thanarit Lopetcharat | Last Update By | Thanarit Lopetcharat |
| Date Created | 27-2-2018 | Last Revision Date | 25-3-2018 |
| Actors | Admin | | |
| Description | Admin can see existed course | | |
| Trigger | Admin can Login into this system | | |
| Preconditions | -User have a Internet connections  -User available on this system | | |
| Post conditions | Admin can see existed list of courses. | | |
| Normal Flows | User | System | |
|  | **NF-01:** Admin click main | **NF-02:** System provide data of existed course for admin and details of courses. | |
| Alternative Flow | **-** | | |
| Exception Flow | User loss of internet connection. | | |
| Assumption | 1. User understand English. | | |

**Test Plan**