***Senior Project***

Management System

**Team:**

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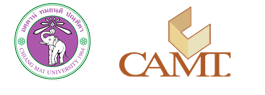
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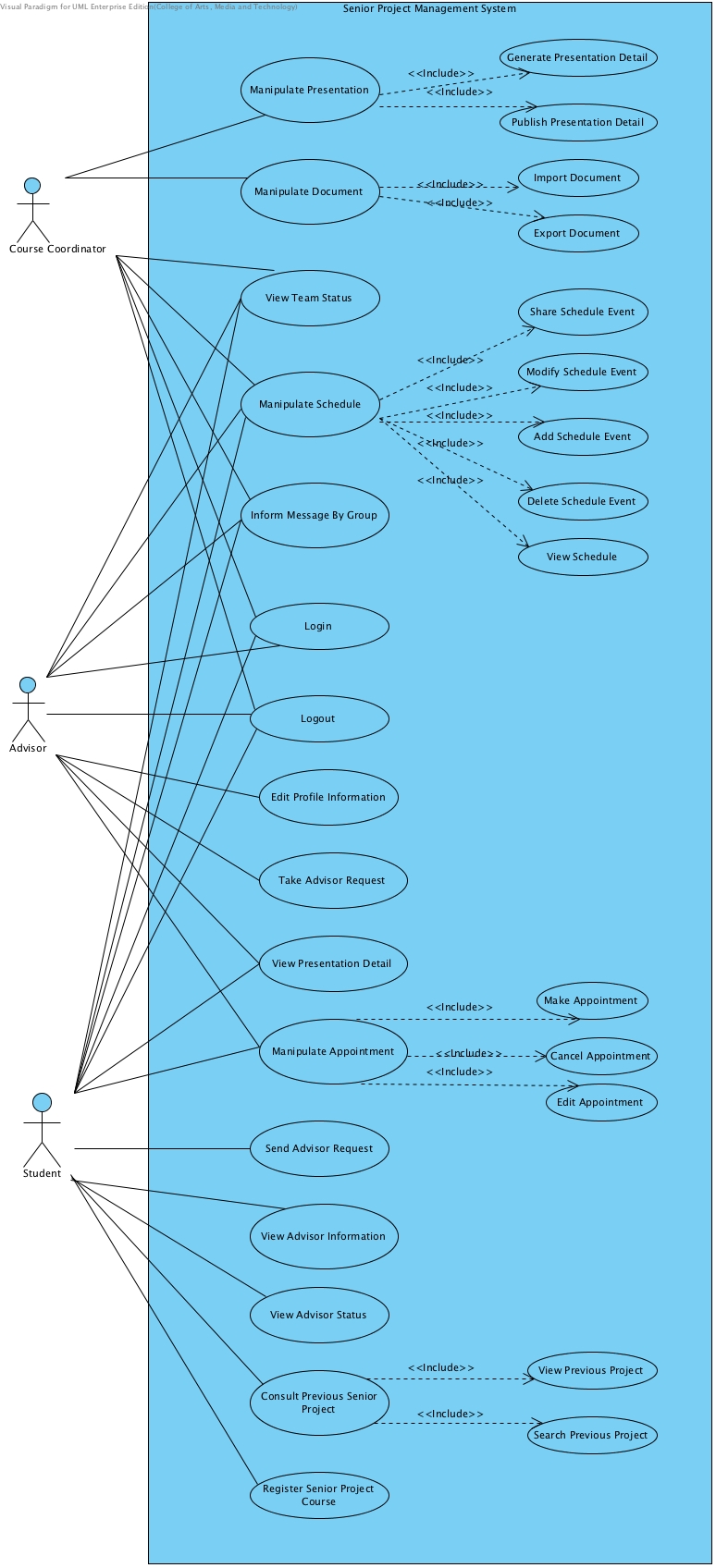


#### Progress Report Ⅰ

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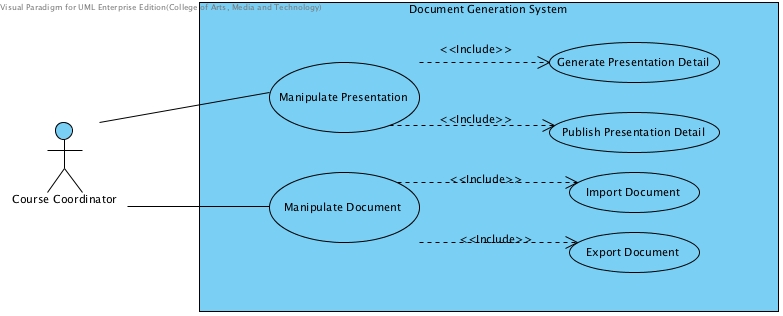
***Requirement Specification***

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**Figure-1** The complete context of product

# *FUNCTION REQUIREMENT*

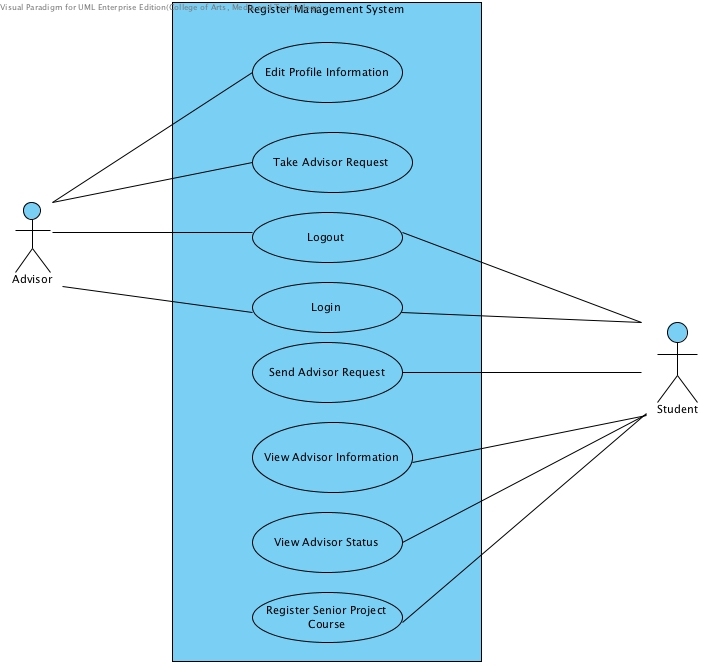
|  |  |  |  |
| --- | --- | --- | --- |
| Feature ID | Feature Description | Relevant Component | Relevant User Requirement |
| 4 | Course Coordinator import and export project relevant documents whose data are read or written by system | Document Generation System | URS-12  URS-13 |
| 5 | Course Coordinator view presentation grade results and each team status for ‘F’ times that are produced by system | Document Generation System | URS-9  URS-10 |
| 8 | Advisor take teams by accepting students take advisor requests | Register Management System | URS-19  URS-20 |
| 11 | Student register senior project course | Register Management System | URS-21 |
| 12 | Student view real-time statuses of the advisors of taking teams in register phase | Register Management System | URS-22 |
| 13 | Student search, view advisors, makes appointments with the advisor they chose | Register Management System | URS-15  URS-23 |



**Figure-4:** The context of Document Generation System

**Document Generation System**

The system deals with all relevant documents, which are importing data to module document to generate documents and exporting documents for reading and loading. The documents have Excel and PDF two kinds of standards.



## **Figure-3** The context of Register Management System

**Register Management System**

The component deals with the tasks in preparing phase since students register the senior project until students are accepted by one of advisors. The tasks are: provide the advisors’ statuses of accepting teams in real time and statistic advisors and their teams.

## *User Case List*

|  |  |  |
| --- | --- | --- |
| Use Case ID | Primary Actor | Use Cases |
| UC-1 | Login | Course Coordinator  Advisor  Student |
| UC-2 | Logout | Course Coordinator  Advisor  Student |
| UC-3 | View Schedule | Course Coordinator  Advisor  Student |
| UC-4 | Add Schedule Event | Course Coordinator  Advisor  Student |
| UC-5 | Modify Schedule Event | Course Coordinator  Advisor  Student |
| UC-6 | Delete Schedule Event | Course Coordinator  Advisor  Student |
| UC-7 | Share Schedule Event | Course Coordinator  Advisor  Student |
| UC-8 | Inform Message By Group | Course Coordinator  Advisor  Student |
| UC-9 | Generate Presentation Detail | Course Coordinator |
| UC-10 | Public Presentation Detail | Course Coordinator |
| UC-11 | View Presentation Detail | Advisor  Student |
| UC-12 | Import Document | Course Coordinator |
| UC-13 | Export Document | Course Coordinator |
| UC-14 | View Team Status | Course Coordinator  Advisor  Student |
| UC-15 | Edit Profile Information | Advisor |
| UC-16 | Make Appointment | Advisor  Student |
| UC-17 | Edit Appointment | Advisor  Student |
| UC-18 | Cancel Appointment | Advisor  Student |
| UC-19 | Take Advisor Request | Advisor |
| UC-20 | Send Advisor Request | Student |
| UC-21 | Register Senior Project Course | Student |
| UC-22 | View Advisor Status | Student |
| UC-23 | View Advisor Information | Student |
| UC-24 | View Previous Project | Student |
| UC-25 | Search Previous Project | Student |

# *5. USER REQUIREMENT LIST*

URS-1 Course coordinator/advisors/students can login the system

Course coordinator/advisors/students can login the system by providing validate ID and password that match ID

Input:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Description | Type | Length | Example |
| ID | A list of digits that satisfy CAMT student ID | String | 9 | 542115511 |
| Password | A list of characters whose length is between 6-12 | String | 6-15 Characters | chenyuke |

URS-2 Course coordinator/advisors/students can logout the system

Course coordinator/advisors/students can logout the system by choosing logout

URS-3 Course coordinator/advisors/students can view own senior project schedule

Course coordinator/advisors/students can view own senior project schedule by browsing to the related web page

URS-4 Course coordinator/advisors/students can add events to own senior project schedule

The course coordinator/advisors/students can add events to their own schedule by providing the event information include time, event name and event description

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Time | The time should be the specific date inside the senior project schedule | year:2014  month:3  date:4  period:10am-11am |
| Event name | The event name should be a list of characters that stands for a brief meaning of the event | Topic announcement |
| Event description | The event description should be not over 500 characters to describe the content of the event | A meeting for introducing the rules and significant issues of senior project to all registered students. |

URS-5 Course coordinator/advisors/students can modify the events of own senior project schedule

Course coordinator/advisors/students can modify the events existed already on own senior project schedule by modifying the information of the event (time，event name, event description)

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Time | The time should be the specific date inside the senior project schedule | year:2014  month:3  date:4  period:10am-11am |
| Event name | The event name should be a list of characters that stands for a brief meaning of the event | Topic announcement |
| Event description | The event description should be not over 500 characters to describe the content of the event | A meeting for introducing the rules and significant issues of senior project to all registered students. |

URS-6 Course coordinator/advisors/students can delete the events of own senior project schedule

Course coordinator/advisors/students can delete the events existed already on own senior project schedule

URS-7 Course coordinator/advisors/students can share own senior project schedule to related people

Course coordinator/advisors/student can share the schedule to related people to inform others the changes of the schedule. For course coordinator can share to advisors and students, for advisors can share to his own teams, student can share event to his own team member.

URS-8 Course coordinator can inform messages by group to register students, advisers etc.

Course coordinator can inform the related people some information by sending the messages in specific group.

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Message title | A list of characters that gives a brief idea of the content of the message | Topic announcement postpone |
| Message content | Files or statement that describes the detail content of the message | The topic announcement will be postponed to 6th Apr. 2014.  Proposal presentation PDF |

URS-9 Course coordinator can generate presentation detail

Course coordinator can view the generated presentation detail for venue, time and people that satisfy the senior project presentation rules

URS-10 Course coordinator can publish generated presentation details.

Course coordinator can publish generated presentation detail for venue, time and people that satisfy the senior project presentation rules.

URS-11 Advisors/students can view the presentation details

Advisors/students can go to the related web pages to view the presentation details include date, location, advisors, teams, and period.

URS-12 Course coordinator can import senior project relevant documents

Course coordinator can import project relevant documents whose data are read or written by system

URS-13 Course coordinator can export senior project relevant documents

Course coordinator can export project relevant documents whose data are read or written by system

URS-14 Course coordinator/ advisors/students can view team status

Course coordinator/ advisors/students each team status for ‘F’ times that are produced by system according to the result of the presentation.

URS-15 Advisor can edit profile information

Advisor can edit profile information such as identify picture, interested technologies, project topics etc.

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Identify picture | One or more pictures of the advisor |  |
| Interested technologies | A list of characters that describes what technologies the advisor good at or have an interest | JAVA, C |
| Project topics | A list of characters that states the projects carried by the advisors | Smart classroom,  Translator |

URS-16 Advisor/student can make an appointment requests.

Advisors/students can make appointment with each other by fulfilling and sending the appointment request to each other.

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Topic | A list of characters that gives a brief idea of the content of the appointment | Check for proposal document |
| Time | The time should be the specific date inside the senior project schedule | year:2014  month:3  date:5  period:2:30pm |
| Location | The location should a list of characters that describes the specific location of the appointment | CAMT 114 |
| Receivers | The receivers should be grouped as the teams | Team: senior project management system |

URS-17 Advisor/student can edit appointment requests

Advisors/students can edit the appointment information include topic, time and location.

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Topic | A list of characters that gives a brief idea of the content of the appointment | Check for proposal document |
| Time | The time should be the specific date inside the senior project schedule | year:2014  month:3  date:5  period:2:30pm |
| Location | The location should a list of characters that describes the specific location of the appointment | CAMT 114 |
| Receivers | The receivers should be grouped as the teams | Team: senior project management system |

URS-18 Advisor/student can cancel appointment requests

Advisors/students can cancel the appointment existed in the schedule.

URS-19 Advisor can take teams by accepting students take advisor requests.

Advisor can take the take advisor requests to accept the team as his advisee.

URS-20 Student can send the take advisor requests to advisor

Students can send the take advisor request to the advisor to apply him to be their senior project advisor.

URS-21 Student can register senior project course.

Students who have the authorization to register the senior project course can go to the register web page to register the course by fulfilling the required information

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| ID | A list of digits that satisfy CAMT student ID | 542115511 |
| Email | A list characters that satisfy the email format | [542115511@vr.camt.info](mailto:542115511@vr.camt.info) |
| Phone number | A list of digits that represents the phone number | 839427448 |
| Password | A list of characters whose length is between 6-12 | chenyuke |

URS-22 Student can view real-time statuses of the advisors of taking teams in register phase.

The students who register the senior project course can go to the related web pages to view the advisors’s status of taking teams

URS-23 Student can view advisors’ information

The students who register the senior project course can go to the related web pages to view the advisors’s information

URS-24 Student can view previous senior project resource

Student can go to the related web page to view the previous senior project provided by the system.

URS-25 Student can search previous senior project resource

Student can go to the related web page and search the specific previous senior project he wants to take a look.

Input:

|  |  |  |
| --- | --- | --- |
| Name | Description | Example |
| Keyword | A list of characters that related to the senior project student wants to search | Management system |

# *5. SOFTWARE REQUIREMENT LIST*

URS-1 Course coordinator/advisors/students can login the system

SRS1.1 system shall provide the user interface to let course coordinator/advisor/student fulfill ID and password

SRS1.2 system shall validate the ID and password (type 字符长度啥的 点出来)

SRS1.3 system shall retrieve the information of the current user according to the ID

SRS1.4 system shall provide the error message ‘the ID or password is invalid’(各种不同的error message)

URS-2 Course coordinator/advisors/students can logout the system

SRS2.1 system shall provide the function to let user choose to logout

SRS2.2 system shall logout the current user

SRS2.3 system shall provide the logout page

URS-3 Course coordinator/advisors/students can view own senior project schedule

SRS3.1 system shall retrieve the schedule of current user according to the ID

SRS3.2 system shall provide the user interface to display the schedule

URS-4 Course coordinator/advisors/students can add events to own senior project schedule

SRS4.1 system shall provide the user interface to let the user edit the schedule event

SRS4.2 system shall provide the user interface to let course coordinator/advisor/student fulfill the information of the event

SRS4.3 system shall add the event to schedule

SRS4.4 system shall display the new schedule

URS-5 Course coordinator/advisors/students can modify the events of own senior project schedule

SRS4.1 system shall provide the user interface to let the user edit the schedule event

SRS3.1 system shall retrieve the schedule of current user according to the ID

SRS5.1 system shall provide the user interface to display the information of the event system saves the changes of the event

SRS5.2 system shall provide the user interface to let the user to modify the event information system saves the changes of the event

SRS5.3 system shall record the change the information of the event

SRS4.4 system shall display the new schedule

URS-6 Course coordinator/advisors/students can delete the events of own senior project schedule

SRS4.1 system shall provide the user interface to let the user edit the schedule event

SRS3.1 system shall retrieve the schedule of current user according to the ID

SRS6.1 system shall provide the user interface to let user to delete the schedule event

SRS6.2 system shall remove the event form the schedule

SRS4.4 system shall display the new schedule

URS-7 Course coordinator/advisors can share own senior project schedule to related people

SRS4.1 system shall provide the user interface to let the user edit the schedule event

SRS3.1 system shall retrieve the schedule of current user according to the ID

SRS7.1 system shall provide the user interface to let user to share the schedule

SRS7.2 system shall change the schedule of related people (course coordinator: advisors and students, advisor: his own teams，student: his own member)

SRS7.3 system shall send message to related people ‘the schedule has changes’

SRS7.4 system shall provide the message ‘no related people existed’

URS-8 Course coordinator can inform messages by group to register students, advisers etc.

SRS8.1 system shall provide the user interface to let course coordinator fulfill the message information (message title, message content)

SRS8.2 system shall send the message to everyone in the group

SRS8.3 system shall provide the message ‘message send successfully ’

URS-9 Course coordinator can generate presentation detail

SRS9.1 system shall provide the user interface to let course coordinator to define the rule of the presentation (date of presentation, the advisors who will attend the presentation, and the how much advisor will be in one presentation room)

SRS9.2 system shall generate the presentation details (time, location, rooms, advisors, teams, period) follow the course coordinator ’s rules

SRS9.3 system shall provide the user interface to display the presentation details

URS-10 Course coordinator can publish generated presentation details

SRS10.1 system shall provide the user interface to let course coordinator to publish the presentation details

SRS10.2 System shall add the presentation details to the schedules of the related people（advisors, students）

SRS7.3 system shall send message to related people ‘the schedule has changes’

URS-11 Advisors/students can view the presentation details

SRS9.3 system shall provide the user interface to display the presentation details

URS-12 Course coordinator can import senior project relevant documents

SRS12.1 system shall provide the user interface to let the course coordinator import the senior project relevant documents

SRS 12.2 system shall provide the user interface to let course coordinator to choose the import document

SRS 12.3 system shall record the information of the document

SRS 12.4 system shall provide the user interface to display the document information

URS-13 Course coordinator can export senior project relevant documents

SRS13.1 system shall provide the user interface to let course coordinator to export the document

SRS13.2 system shall provide the user interface to let course coordinator to choose the document generation type and path

SRS13.3 system shall generate the file as course coordinator requests

URS-14 Course coordinator/ advisors/students can view team status

SRS14.1 system shall record the presentation scores follows the rule (advisor gives 50% score, other advisor gives 50% score, or directly ‘F’ (P) when all advisors gives ‘F’ (P))

SRS14.2 system shall generate the team status follows the rules of senior project (no team can get over one ‘F’ in one progress or over 2 ‘F’ in total)

SRS14.3 system shall provide the user interface to display the team status

SRS14.4 system shall provide the message ‘no presentation result existed ’

SRS14.5 system shall provide the message ‘no team existed ’

URS-15 Advisor can edit profile information

SRS1.3 system shall retrieve the information of the current user according to the ID

SRS15.1 system shall provide the user interface to display the profile information of the advisor

SRS15.2 system shall provide the user interface to let advisor to edit the profile information (picture, interested technologies, project topics)

SRS15.3 system shall save the profile information

SRS15.4 system shall provide the message ‘edit successful’

URS-16 Advisor/student can send appointment requests to students

SRS16.1 system shall provide the user interface to let advisor/student to edit the appointment requests

SRS16.2 system shall provide the user interface to let the advisor/student to fulfill the appointment information (time, location, receivers) and chooses to add the appointment

SRS16.3 system shall send the appointment requests to the receivers

SRS16.4 system shall add the appointment to both advisor and receivers’ schedules if the request has been taken

SRS16.5 system shall provide the rejection information ‘the make appointment request had been rejected’

URS-17 Advisor/student can edit appointment requests

SRS16.1 system shall provide the user interface to let advisor/student to edit the appointment requests

SRS17.1 system shall retrieve the appointment information

SRS17.2 system shall provide the user interface to display the appointment information

SRS17.3 system shall provide the user interface to let the user edit the appointment information

SRS17.4 system shall send the re-request to receiver

SRS17.5 system shall modify the appointments in the schedule if the re-quests had been taken

SRS17.6 system shall provide the rejection information ‘the change appointment request had been rejected’

URS-18 Advisor/student can cancel appointment requests

SRS16.1 system shall provide the user interface to let advisor/student to edit the appointment requests

SRS17.1 system shall retrieve the appointment information

SRS17.2 system shall provide the user interface to display the appointment information

SRS24.1 system shall provide the user interface to let the user cancel the appointment information

SRS24.2 system shall send the cancel request to receiver

SRS24.3 system shall remove appointment from the schedule if the re-quests had been taken

SRS24.4 system shall provide the rejection information ‘the cancel appointment request had been rejected’

URS-19 Advisor can take teams by accepting students take advisor requests.

SRS18.1 system shall provide the take advisor request to let advisor choose to accept or reject

SRS18.2 system shall add the team to the advisor’s team if the request has been taken

SRS18.3 system shall update the advisor’s taking team status

SRS18.4 system shall provides the rejection information ‘the take advisor request had been rejected’

URS-20 Student can send the take advisor requests to advisor

SRS25.1 system shall provide the user interface to let student send the take advisor requests

SRS25.2 system shall provide the advisor list to lets student to choose

SRS25.3 system shall send the take advisor request to the advisor

URS-21 Student can register senior project course.

SRS19.1 system shall provide the user interface to let student fulfill the registration information

SRS19.2 system shall validate the format of the information student puts

SRS19.3 system shall validate the student ID existed already or not

SRS19.4 system shall provide the register successful information

SRS19.5 system shall provide the error message “The ID should satisfy the format of CAMT student ID”

SRS19.6 system shall provide the error message “The email should satisfy the format of email”

SRS19.7 system shall provide the error message “The phone number should be in correct phone number format ”

SRS19.8 system shall provide the error message “The password should between 6-15 characters”

SRS19.9 system shall provide the error message “The ID existed already”

URS-22 Student can view real-time statuses of the advisors of taking teams in register phase

SRS20.1 system shall retrieve the advisors’s status of taking teams

SRS20.2 system shall provide the user interface to display the advisors’ statuses of taking teams

URS-23 Student can view advisors’ information

SRS21.1 system shall retrieve the advisors’ information

SRS21.2 system shall provide the user interface to display the advisors’ information (picture, interested technologies, project topics)

URS-24 Student can view previous senior project resource

SRS22.1 system shall retrieve all previous senior projects

SRS22.2 system shall provide the user interface to display the list of the previous senior projects

SRS22.3 system shall retrieve the detail information of the previous senior project

SRS22.4 system shall provide the user interface to display the detail information of the senior project

URS-25 Student can search previous senior project resource

SRS23.1 system shall provide the user interface to let student input the keyword to search the senior project

SRS23.2 system shall retrieve the senior project information according to the key word

SRS23.3 system shall provide the user interface to display the result

SRS23.4 system shall provide the message ‘no result found ’

URS-1 Course coordinator/advisors/students can login the system

|  |  |
| --- | --- |
| Use Case ID: | UC-01 |
| Use Case Name: | Login |
| Short Description: | Course coordinator/advisors/students can login the system after registered |
| Related Use Cases | UC-19 |
| Actors: | Course coordinator  Advisors  Students |
| Pre conditions: | Student registered the senior project course  Course coordinator or advisor got the password |
| Post conditions: | System provides the web page of the current user |
| Flow of Events: | Course coordinator/advisor/student browses to the login page  System provides the user interface to let course coordinator/advisor/student fulfill ID and password  Course coordinator/advisor/student fulfills the ID and password  System validates the ID and password  System displays the page of the current user |
| Alternative and Exceptional: | If the ID and password are not validate  System provides the error message ‘the ID or password is invalid’ |

URS-2 Course coordinator/advisors/students can logout the system

|  |  |
| --- | --- |
| Use Case ID: | UC-02 |
| Use Case Name: | Logout |
| Short Description: | Course coordinator/advisors/students can logout form the system when they login to system already |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator  Advisors  Students |
| Pre conditions: | Course coordinator/advisors/students login already |
| Post conditions: | System provides logout page |
| Flow of Events: | Course coordinator/advisor/student chooses to log out  System logout the current user  System provides the logout page |
| Alternative and Exceptional: | None |

URS-3 Course coordinator/advisors/students can view own senior project schedule

|  |  |
| --- | --- |
| Use Case ID: | UC-03 |
| Use Case Name: | View schedule |
| Short Description: | Course coordinator/advisors/students can view own schedule |
| Related Use Cases | <Include>UC-01 |
| Actors: | Course coordinator  Advisors  Students |
| Pre conditions: | Course coordinator/advisors/students login to system already |
| Post conditions: | System provides the schedule of current user |
| Flow of Events: | Course coordinator/advisor/student browses to the related web page to view own schedule  System provides the schedule of the current user |
| Alternative and Exceptional: | None |

URS-4 Course coordinator/advisors/students can add events to own senior project schedule

|  |  |
| --- | --- |
| Use Case ID: | UC-04 |
| Use Case Name: | Add schedule event |
| Short Description: | Course coordinator/advisors/students can add events to own senior project schedule |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator  Advisors  Students |
| Pre conditions: | Course coordinator/advisors/students login to system already |
| Post conditions: | System displays the new schedule with the added event |
| Flow of Events: | Course coordinator/advisor/student browses to the related web page  Course coordinator/advisor/student chooses to create event  System provides the user interface to let course coordinator/advisor/student fulfill the information of the event  Course coordinator/advisor/student chooses to add the event to his own schedule  System adds the event to the schedule  System displays the new schedule with the added event |
| Alternative and Exceptional: | None |

URS-5 Course coordinator/advisors/students can modify the events of own senior project schedule

|  |  |
| --- | --- |
| Use Case ID: | UC-04 |
| Use Case Name: | Add schedule event |
| Short Description: | Course coordinator/advisors/students can add events to own senior project schedule |
| Related Use Cases | <Include>UC-01 |
| Actors: | Course coordinator  Advisors  Students |
| Pre conditions: | Course coordinator/advisors/students login to system already |
| Post conditions: | System displays the new schedule with the added event |
| Flow of Events: | Course coordinator/advisor/student browses to the related web page  Course coordinator/advisor/student chooses to create event  System provides the user interface to let course coordinator/advisor/student fulfill the information of the event  Course coordinator/advisor/student chooses to add the event to his own schedule  System adds the event to the schedule  System displays the new schedule with the added event |
| Alternative and Exceptional: | None |

URS-6 Course coordinator/advisors/students can delete the events of own senior project schedule

|  |  |
| --- | --- |
| Use Case ID: | UC-06 |
| Use Case Name: | Delete schedule event |
| Short Description: | Course coordinator/advisors/students can delete schedule vent |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator  Advisors  Students |
| Pre conditions: | Course coordinator/advisors/students login to system already |
| Post conditions: | System displays the new schedule with the modified event |
| Flow of Events: | Course coordinator/advisor/student browses to the related web page  System displays the schedule  Course coordinator/advisor/student chooses the event he wants to delete  System display the information of the event  Course coordinator/advisor/student chooses to delete the event  System deletes the event form the schedule  System displays the new schedule |
| Alternative and Exceptional: | None |

URS-7 Course coordinator/advisors can share own senior project schedule to related people

|  |  |
| --- | --- |
| Use Case ID: | UC-07 |
| Use Case Name: | Share schedule |
| Short Description: | Course coordinator/advisors can share schedule to related people |
| Related Use Cases | <Include>UC-01 |
| Actors: | Course coordinator  Advisors |
| Pre conditions: | Course coordinator/advisors login to system already |
| Post conditions: | System changes the schedule of related people and informs them |
| Flow of Events: | Course coordinator/advisor chooses to share the schedule to related people  System changes the schedule of related people (course coordinator: advisors and students, advisor: his own teams)  System sends message to inform the related people the schedule has changed |
| Alternative and Exceptional: | If no related people existed (advisor has not taken any team yet)  System provides the message ‘no related people existed’ |

URS-8 Course coordinator can inform messages by group to register students, advisers etc.

|  |  |
| --- | --- |
| Use Case ID: | UC-08 |
| Use Case Name: | Inform message by group |
| Short Description: | Course coordinator can inform messages by group |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator |
| Pre conditions: | Course coordinator login to system already |
| Post conditions: | System displays the ‘message send successfully ’ message |
| Flow of Events: | Course coordinator browses to the message page  Course coordinator fulfills the message information (message title, message content)  Course coordinator chooses to send the message to specific group  System sends the message to everyone in the group  System displays the ‘message send successfully ’ message |
| Alternative and Exceptional: | None |

URS-9 Course coordinator can generate presentation detail

|  |  |
| --- | --- |
| Use Case ID: | UC-09 |
| Use Case Name: | Generate presentation detail |
| Short Description: | Course coordinator can generate presentation detail |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator |
| Pre conditions: | Course coordinator login to system already |
| Post conditions: | System displays the details of the presentation |
| Flow of Events: | Course coordinator browses to the related web page  Course coordinator chooses the date of presentation, advisors who will attend the presentation, and the how much advisor will be in one presentation room  Course coordinator chooses to generate the presentation  System displays the details of the presentation (rooms, advisors, teams, period) |
| Alternative and Exceptional: | None |

URS-10 Course coordinator can publish generated presentation details

|  |  |
| --- | --- |
| Use Case ID: | UC-10 |
| Use Case Name: | Publish presentation detail |
| Short Description: | Course coordinator can publish presentation detail |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator |
| Pre conditions: | Course coordinator login to system already |
| Post conditions: | System sends the schedule changes information to related people |
| Flow of Events: | Course coordinator chooses to publish the presentation details  System adds the presentation details to the schedules of the related people（advisors, students ）  System sends the schedule changes information to related people （advisors, students ） |
| Alternative and Exceptional: | None |

URS-11 Course coordinator/advisors/students can view the presentation details

|  |  |
| --- | --- |
| Use Case ID: | UC-11 |
| Use Case Name: | View presentation detail |
| Short Description: | Course coordinator/advisors/students  Can view the presentation details |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator  Advisors  Students |
| Pre conditions: | Course coordinator/advisors/students login already |
| Post conditions: | System provides the presentation details |
| Flow of Events: | Course coordinator/advisor/student browses to the related web page to view the presentation details  System provides the presentation details |
| Alternative and Exceptional: | None |

URS-12 Course coordinator can import senior project relevant documents

|  |  |
| --- | --- |
| Use Case ID: | UC-12 |
| Use Case Name: | Import document |
| Short Description: | Course coordinator can import senior project relevant documents |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator |
| Pre conditions: | Course coordinator login already |
| Post conditions: | System displays the document information on the web page |
| Flow of Events: | Course coordinator browses to the related web page  Course coordinator chooses to import specific document  System reads the information of the documents  System displays the document information on the web page |
| Alternative and Exceptional: | None |

URS-13 Course coordinator can export senior project relevant documents

|  |  |
| --- | --- |
| Use Case ID: | UC-13 |
| Use Case Name: | Export document |
| Short Description: | Course coordinator can export senior project relevant documents |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator |
| Pre conditions: | Course coordinator login already |
| Post conditions: | System generates the file as course coordinator requests |
| Flow of Events: | Course coordinator browses to the related web page  Course coordinator chooses to export the document in specific file type and path  System generates the file as course coordinator requests |
| Alternative and Exceptional: | None |

URS-14 Course coordinator/ advisors/students can view team status

|  |  |
| --- | --- |
| Use Case ID: | UC-14 |
| Use Case Name: | View team status |
| Short Description: | Course coordinator/ advisors/students can view team status |
| Related Use Cases | UC-01 |
| Actors: | Course coordinator  Advisors  Students |
| Pre conditions: | Course coordinator/advisors/students login already |
| Post conditions: | System displays the presentation result |
| Flow of Events: | Course coordinator browses to the related web page  Course coordinator chooses to view the presentation result (course coordinator: all teams, advisor: his own teams, student: his own team)  System displays the presentation result |
| Alternative and Exceptional: | Alternative flow A:  If no presentation result existed yet (before the proposal presentation)  System provides the message ‘no presentation result existed ’  Alternative flow B:  If the advisor has not taken any team yet  System provides the message ‘no team existed ’ |

URS-15 Advisor can edit profile information

|  |  |
| --- | --- |
| Use Case ID: | UC-15 |
| Use Case Name: | Edit profile information |
| Short Description: | Advisor can edit profile information such as identify picture, interested technologies, project topics |
| Related Use Cases | UC-01 |
| Actors: | Advisor |
| Pre conditions: | Advisor login already |
| Post conditions: | System provides the edit successful message |
| Flow of Events: | Advisor browses to the related web page  System shows the information of current account  Advisor chooses to edit the profile information  System shows the page to let advisor edit the profile information (picture, interested technologies, project topics)  Advisor fulfill the information and choose to save the changes  System save the information  System provides the edit successful message |
| Alternative and Exceptional: | None |

URS-16 Advisor/student can send appointment requests to students

|  |  |
| --- | --- |
| Use Case ID: | UC-16 |
| Use Case Name: | Send appointment requests |
| Short Description: | Advisors/students can make appointment with each other by fulfilling and sending the appointment request to each other. |
| Related Use Cases | UC-01 |
| Actors: | Advisor  Student |
| Pre conditions: | Advisor/student login already |
| Post conditions: | System adds the appointment to both advisor and receivers’ schedules |
| Flow of Events: | Advisor/student browses to the related web page  Advisor/student chooses to manage the appointment  System provided the page of the appointment information to let advisor add one appointment  Advisor/student fulfills the appointment information (time, location, receivers) and chooses to add the appointment  System sends the appointment requests to the receivers  System adds the appointment to both advisor and receivers’ schedules if the request has been taken |
| Alternative and Exceptional: | If the request had been rejected by the receiver:  System provides the rejection information ‘the make appointment request had been rejected’ |

URS-17 Advisor/student can edit appointment requests

|  |  |
| --- | --- |
| Use Case ID: | UC-17 |
| Use Case Name: | Edit appointment requests |
| Short Description: | Advisors/students can edit the appointment information |
| Related Use Cases | <Include>UC-01 |
| Actors: | Advisor  Student |
| Pre conditions: | Advisor/student login already |
| Post conditions: | System modify the appointments in the schedule |
| Flow of Events: | Advisor choose the appointment existed in the schedule  Advisor changes the information of the appointment and chooses to re-request  System sends the re-request to receiver  System modify the appointments in the schedule if the re-quests had been taken |
| Alternative and Exceptional: | If the request had been rejected by the receiver:  System provides the rejection information ‘the change appointment request had been rejected’ |

URS-18 Advisor/student can cancel appointment requests

|  |  |
| --- | --- |
| Use Case ID: | UC-18 |
| Use Case Name: | Cancel appointment requests |
| Short Description: | Advisor/student can cancel appointment requests existed in the schedule |
| Related Use Cases | <Include>UC-01 |
| Actors: | Advisor  Student |
| Pre conditions: | Advisor/student login already |
| Post conditions: | System remove the appointment from the schedule |
| Flow of Events: | Advisor/student chooses the appointment existed in the schedule  Advisor/student chooses to cancel the appointment  System sends the cancel appointment request to receiver  System remove the appointment from the schedule if the cancel appointment quest had been taken |
| Alternative and Exceptional: | If the request had been rejected by the receiver:  System provides the rejection information ‘the cancel appointment request had been rejected’ |

URS-19 Advisor can take teams by accepting students take advisor requests.

|  |  |
| --- | --- |
| Use Case ID: | UC-19 |
| Use Case Name: | Take advisor requests |
| Short Description: | Advisor can take teams by accepting students take advisor requests. |
| Related Use Cases | <Include>UC-01 |
| Actors: | Advisor |
| Pre conditions: | Advisor login already |
| Post conditions: | System update the advisor’s taking team status |
| Flow of Events: | System sends the take advisor request to advisor  Advisor chooses to accept the request  System add the team to the advisor’s team if the request has been taken  System update the advisor’s taking team status |
| Alternative and Exceptional: | If the request had been rejected by the receiver:  System provides the rejection information ‘the take advisor request had been rejected’ |

URS-20 Student can send the take advisor requests to advisor

|  |  |
| --- | --- |
| Use Case ID: | UC-20 |
| Use Case Name: | Send take advisor requests |
| Short Description: | Advisor can take teams by accepting students take advisor requests. |
| Related Use Cases | UC-01 |
| Actors: | Student |
| Pre conditions: | Student login already |
| Post conditions: | System update the advisor’s taking team status |
| Flow of Events: | Student browses to the related web page  Student chooses to send the take advisor request  System display the advisor list  Student chooses the advisor  System sends the take advisor request to advisor |
| Alternative and Exceptional: | None |

URS-21 Student can register senior project course.

|  |  |
| --- | --- |
| Use Case ID: | UC-21 |
| Use Case Name: | Register senior project course |
| Short Description: | Student can register senior project course |
| Related Use Cases | None |
| Actors: | Student |
| Pre conditions: | Student have the have authorization to register the senior project course |
| Post conditions: | System provides the register successful information |
| Flow of Events: | Student browses to the register page  System display the user interface to the let student fulfill the registration information  Student fulfills the information  System validates the format of the information student puts   Students chooses to resister the course  System validates the student ID existed already or not  System adds the student’s information to database  System provides the register successful information |
| Alternative and Exceptional: | Alternative flow A:  If the student inputs the registration information in wrong format:  The wrong ID format: system provides the error message “The ID should satisfy the format of CAMT student ID”  The wrong email format: system provides the error message “The email should satisfy the format of email”  The phone number format: system provides the error message “The phone number should be in correct phone number format ”  The password format: system provides the error message “The password should between 6-12 characters”  Alternative flow B:  If the student ID existed already:  System provides the error message “The student ID existed already” |

URS-22 Student can view real-time statuses of the advisors of taking teams in register phase

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| --- | --- |
| Use Case ID: | UC-22 |
| Use Case Name: | View advisor take teams status |
| Short Description: | Student can view real-time statuses of the advisors of taking teams in register phase |
| Related Use Cases | UC-01 |
| Actors: | Student |
| Pre conditions: | Student login already |
| Post conditions: | System provides the advisor’s taking team status |
| Flow of Events: | Student browses to the related web page to view the advisors’ statuses of taking teams  System provides the user interface to display the advisors’ statuses of taking teams |
| Alternative and Exceptional: | None |

URS-23 Student can view advisors’ information

|  |  |
| --- | --- |
| Use Case ID: | UC-23 |
| Use Case Name: | View advisors’ information |
| Short Description: | Student can view advisors’ information |
| Related Use Cases | UC-01 |
| Actors: | Student |
| Pre conditions: | Student login already |
| Post conditions: | System provides the advisor’s information |
| Flow of Events: | Student browses to the related web page to view the advisors’ information (picture, interested technologies, project topics)  System provides the user interface to display the advisors’ information (picture, interested technologies, project topics) |
| Alternative and Exceptional: | None |

URS-24 Student can view previous senior project resource

|  |  |
| --- | --- |
| Use Case ID: | UC-24 |
| Use Case Name: | View previous senior project |
| Short Description: | Student can view previous senior project resource |
| Related Use Cases | UC-01 |
| Actors: | Student |
| Pre conditions: | Student login already |
| Post conditions: | System provides the details of the senior project |
| Flow of Events: | Student browses to the related web page to view the previous senior project  System provides the list of the previous senior project  Student chooses one senior project to view details  System provides the details of the senior project |
| Alternative and Exceptional: | None |

URS-25 Student can search previous senior project resource

|  |  |
| --- | --- |
| Use Case ID: | UC-25 |
| Use Case Name: | Search previous senior project |
| Short Description: | Student can search previous senior project resource |
| Related Use Cases | UC-01 |
| Actors: | Student |
| Pre conditions: | Student login already |
| Post conditions: | System provides results satisfy the keyword |
| Flow of Events: | Student browses to the related web page to search previous senior project  System provides the user interface to let student input the key word  Student inputs the keyword and chooses to search  System provides results satisfy the keyword |
| Alternative and Exceptional: | If there’s no result can be found:  System provides the message ‘no result found ’ |

# *NON-FUNCTION REQUIREMENT*