

Use Case: Register to Course

Actor : Student,Advisor

- 1-) Student logs into the system.
- 2-) The system displays a list of available courses to the student.
- 3-) The student looks over the courses that have been listed.
- 4-) A student can only take a maximum of ten courses from the course pool.
- 5-) The student chooses from a list of courses.
- 6-) The student submits the courses he or she has chosen for approval to the advisor.
- 7-) The system displays to the student who selected courses the result of the advisor's approval.

Alternative: Selection Failure

- 4a. The system issues an error for selecting overlapping courses at step 4. The student can re-select courses from the list using the system.
- 4b. For selected courses, the system returns an error due to a quota problem.

Alternative: Batch registration

- 5a. Student selects the batch option and selects all the courses in all of the semesters.

Alternative: Prerequisite Failure

- 6a. Student selects the batch option and selects all the courses in all of the semesters.
- 6b. System gives an error to the student who selects the courses which have prerequisite condition . System allows student to re-select the courses in the list.

Use Case: Advisor's Approval

Actor: Advisor, System

- 1-) Advisor enters to the system.
- 2-) System displays the student's selection course request to the advisor.
- 3-) Advisor browses the courses selected by the student .
- 4-) Advisor starts to the process of approving course selection request .
- 5-) Advisor approves the courses one by one .

Alternative: Disapproval the selection

- 5a.** At step 5 , the advisor do not approve because of overlapping courses.
- 5b.** The advisor do not approve graduation Project because student completed credits 165 .
- 5c.** The student is unable to enroll in TE classes because he or she has finished credits 155.
- 5d.** The advisor do not approve the Technical Elective Course CSE4062 because student already took 2 Technical Elective and in fall semester only 2 Technical Elective can be taken .
- 5e.** The advisor do not approve Faculty Technical Elective course CSE4062 because students can not take Faculty Technical Elective course in fall semester unless they are graduating this semester.