User Story

East West University

Dept. of Computer Science and Engineering

CSE411: Software Engineering and Information System Design

Section: **1**

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User Scenario

Initial Assumption

A set of users (students) will log into the system and complete their course advising. Another set of users (administrators) will moderate the whole process.

Normal Scenario

An admin will log into the system and will be directed to the admin panel. They have the ability to start the advising session, offer course, set the number of sections, set the room number and time table of the sections. They can also set how many students can apply for a particular section.

A department admin will log into the system and they can offer the courses and their corresponding sections of their particular department.

A student enters the website address in the browser and clicks on the Login link from the top navigation panel. Student will enter their username (Student-ID) and their password and submit. Given correct input, the student will be logged in and taken to the student-homepage. The system can detect the role of the user, and direct them to the proper page.

The student will enter the advising page during their scheduled period, and will see a brief information about their current academic status. They will be shown the list of completed courses with the corresponding outcomes, and a list of eligible courses. During selecting course they might try to select some conflicting combination of sections with same time slot. The system will not allow them to do so.

The student will choose the desired courses and submit, thus completing their advising.

What Can Go Wrong

If the user enters wrong credentials during log in, the system will notify them with a message. If the User forgets their password, there will be option for resetting the password using their e-mail. If the student is late for the advising, then they can't complete the advising online and will have to contact the corresponding department admin(s). If the student makes a mistake in selecting courses during advising they can contact the department admin(s) to resolve the issue. Some issues may arise due to concurrency. For example, the last seat of the section may have been taken before

the user submits the request, then the system will show them an error message and the they have to select the course again.

State of System After Completion

All the data will be persisted in the database and students will be able to recheck their course enrollments and admins will be able to recheck and modify the enrollments.