

Assignment-01

Case Study

Flex is online course registrations system used by FAST-NUCES. Where professors indicate which courses they will teach or are assigned to teach in upcoming semester. A course catalog is maintained and can be printed. Students are allowed to select some recommended courses for upcoming semester or may select course for improvement. No course may have more than 100 students or less than 20 students. When the registration is completed, the system sends information to the billing system. Students can add or drop courses. Likewise, the students can view their marks and the professor can upload the marks and grades of the course he/she is teaching. Students can only view the marks cannot add or change something in the marks but the professor is given full authority to upload, change and edit in the marks. After the semester ends, each student will give feedback of the courses and teachers.

Do the following

Task-1 Read the above use case carefully

Task-2 Identify as many as use cases you can and list it down

Task-3 Describe 3 uses cases you have identify in task 1

Task-4 Use any UML tool of your choice and write [in 2 lines max] why you use this tool?

Task-5 Draw a use case diagram incorporating all the use cases and show the relationship [through relationship notation] between use cases if any