**Detailed Use Case Description of a Functional requirement**

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| Use Case No: 4 | Use Case Name: Register for courses | | | Rating: | |
| Purpose: A student wants to enquire about and register for a selection of courses offered by the educational establishment. | | | | | |
| Main Actor: Student | | Secondary Actors: | | | |
| Pre-conditions:  The student have successfully been granted access to the system. | | | | | |
| Trigger; | | | | | |
| Basic Flow  1. **Registration open**.  This use case starts when a student chooses to register for courses. The system checks that registration is possible at this time.  2. **Select “Create a Schedule”**.  The system displays the functions available to the student. The student selects “Create a Schedule”.  3. **Obtain Course Information**.  The system retrieves a list of available course offerings from the Course Catalog System and displays the list to the student .The student can search the list by department, professor, or topic to obtain the desired course information.  4. **Select Courses**.  The student selects four primary course offerings and two alternate course offerings from the list of available offerings course offerings.  Alternative Flow  **1. Registration not open**  In the Registration Open step of the Basic Flow, if the system determines students can’t register for courses at this time, **then a message is displayed,** and the use case ends.  **Quit and Save.**  At any time, the system will allow the Student to quit. The student chooses to quit and save a partial schedule before quitting. The system saves the schedule, and the use case ends. | | | | | |
| Extensions: | | | | | |
| Related Use Cases: | | | | | |
| Post-conditions: Information about the students schedule and courses they have registered for is updated. | | | | | |
| Author: | Date: | Approved: | Date: | | Version |