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Advanced Programming

Graduation-Tracker Use Case Version 2.0

Use Case: Maintain tool and keep information up to date

Primary Actor: User (Student)

Scope: Graduation Tracker

Level: User goal

Brief: The users will have the ability to maintain and follow the progress of their college courses by utilizing this simple and easy to use checklist.

Stakeholders: Students, Faculty, Counselors

Postconditions: User will can print out the information once they are done selecting the courses or can access information online.

Preconditions: Users will be able to utilize the list of courses available to them. When utilizing the application the user is presented with a list of applicable courses for them to select.

Triggers: Inaccurate course descriptions or schedule information from university

Basic flow:

1. Choose degree program

2. Select courses

3. Calculate credits

4. Press "Course Schedule"

5. Populate schedule

6. Save inputs from each student in the browser

Extensions: … (variations on basic flow)

1. MBA or Undergraduate (minor option available)
2. Core courses will be auto populated to show 12 credits needed. User will check the box when they have completed the course which will deduct the credits from that

section. The remaining sections will have needed and completed checkboxes and dropdown options for choice selection.

3. Each section will have a subtotal of credits needed to graduate. At the end of the first page, the credits needed subtotals will be summed up.
4. On click of course schedule button, the scheduler will appear and the user can create mock schedules based on available courses and courses already completed by student.
5. Those courses will be added to a calendar for the specified semester.

Use Case Diagram