

**Name:** Jacob Gallegos

**Identifier** CASE1

**Description** This case will describe the process of adding and dropping a course on Brigham Young University's website

**Goal** To allow the students to add and drop classes, in a proficient way

**Preconditions** (*List the state(s) the system can be in before this use case starts*)

1. Needs to be logged in
2. Needs to be navigated to the add/drop courses page of the website

**Assumptions** (*Optional, List all assumptions that have been made*)

1. That a user can add/drop classes by clicking on the add/drop button
- 2.

**Frequency** (*Approximately how often this use case is realized, e.g., once a week, 500 times a day, etc.*)  
This use case is realized 100's of times a day. Most commonly used during sign up times

**Basic Course** (*Describe the "normal" processing path, aka, the Happy Path*)

1. User clicks on add/drop course
2. User enters in his criteria for the class
3. User looks for his desired class then clicks the check box
4. After the User has selected all of the classes in his search field, he presses add class
5. The database updates and attaches the class to the user
6. Use case ends when the user is satisfied of his classes and exits the add/drop section

**Alternate Course A: Description of the alternate course**

**Condition:** Indicate what happened

3. User may not want to add extra criteria to his search
  - a. User clicks on advance search
  - b. User adds in his desired criteria
  - c. User clicks search
4. Class might not be available
  - a. If on waitlist the user will have to add himself to the weight list
  - b. If user does not have the prerequisites, he cannot add the class

**Post conditions** (*List the state(s) the system can be in when this use case ends*)

1. The student tab will have listed the student's classes
2. The professor of the class will have a list of all students signed up for his class
3. The database is updated with classes attached to the students

**Actors** (*List of actors that participate in the use case*)

1. The student, the professor, the student admins

**Notes**

*This Use case will be used very extensively it is important that the system can maintain the heavy traffic especially during times of registration*