**Exercise 3: Brainstorming and Initial Solution**

Last Updated 9.4.2018

Name: \_\_\_\_Yes Registration Helper\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_10/30/2018\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Course: \_\_\_\_\_Principles of Software Engineering\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write your design problem as a “How Might We” question:

How might we help students to register for classes in a more intuitive way \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. In the box below, insert a photograph or (loosely) categorized list of **at least 10** of your brainstorming ideas from a team session.

* Drop/Add clases from schedule view
* See schedule view from whatever page you are on in YES
* Intuitive way to get to schedule view from enrolled classes list
* Be able to see degree audit from whatever page you are on in YES
* Link with degree audit to see classes offered you need
* Be able to see within degree audit what classes are offered in the next semester
* Create possible Firefox extension
* Sound effects for actions
* Class Cart and Enrolled list on same page
* Button that enrolls in all classes in class cart and submits
* Feature to show optimal possible schedules based on preferences such as days of classes and professors

1. In at least four sentences, discuss how your team evaluated the brainstormed ideas and converged on an initial solution.

We discussed the details of the ideas, their feasibility of implementation given practical constraints and developer knowledge, and actual value delivered to end users. After this discussion, we came to an agreement on the minimum viable product, which included base features as presented in the original idea. This prototype will have all the ideas related to the schedule view: being able to navigate to it easily, linking it to possible actions with courses, and seeing it from any YES page. Although this is the base product, we decided to implement this base extension as quickly possible to possibly add a couple more features from our list based on time available.