

## **Project: SMARTScheduler**

### **Technical Review #2 Reflection and Synthesis**

Prabha Dubliss, Alex Grant, Christina Holman, Jonathan Kohlmeier

December 1, 2016

During this Technical Review, we were able to provide a thorough update on the three features that we have been developing for the SMARTScheduler: Course Auditor, Course Scheduler, and Stress Predictors. Specifically from this review, we received a lot of feedback in terms of the scheduler itself and the presentation of our application. Students wanted a more appealing design and wanted more information in terms of what information should be entered in which fields. Additionally, the page after entering the classes remaining was poorly designed and students felt that this page should be improved as well. We were also interested in making the app easily accessible by deploying it to the web using heroku.

#### Stress Predictor

- Ensure seamless integration with web application
- Incorporate into the final page with the proposed schedule

#### Course Scheduler

- Further develop the algorithm to create a proposed course schedule based on certain filters

#### Course Auditor

- Final debugging to ensure seamless integration with web application

#### Website Design

- Improve the design of the website to be more aesthetically pleasing with better fonts and colors
- Manipulating the output from our functions to be easier to read

#### What's Next

1. Identify potential bugs in our code to prevent errors in running
2. Create a suggestion algorithm based on classes taken and classes still needed for graduation requirements
3. Organize and clean website design to make the UI more straightforward
4. Implement filters in the suggestion algorithm to better search and create a schedule.
5. Deploy to heroku