

Project: SMARTScheduler

Technical Review #1

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View Presentation.

Background and context:

For our project, we are looking forward to creating the SMARTScheduler. The web application would allow Babson (and potentially Wellesley students) to input their classes, check the number of credits they have satisfied, and auto-generate weekly schedules based on the courses available next semester.

Currently, we have scraped the data from Babson's class database for classes held next semester, along with classes and their course codes. At Babson, the credit classification is based on the course code, so that was crucial for us to get from the website. The reason why we aren't 100% that we can run the same application for Wellesley is because their classification system is much more complex with many more credit classifications and classes, so we would like to first get the project to run on Babson data via excel and then via the course browser itself. If Babson is managed successfully, we can then add Wellsley if time allows.

For implementing the project, we are currently looking into web frameworks that would allow the code to run within a browser, versus a graphical-user-interface (GUI) that would be a stand-alone computer application.

Key questions:

- What does the class think about our current design and prototype?
- Is the interface easy to use? Does it lack capabilities or hold too much?
- What would a SMARTScheduler mean to different users?
- Does the class see value in a suggestion component to helping plan classes?
- Would a visualization aspect of seeing what classes you took when (ex.MIT example) be helpful?

Agenda for technical review session:

1. Why this project?
2. Ideation Exercise
3. Current Components
4. Feedback from Exercise
5. Additional Questions