

URscheduler/SchedulUR

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Executive Summary

People do their best when doing what they love. At Rochester, you build your own curriculum with your own unique strengths and interests. You study only what you're passionate about, choosing a major in one of the three divisions of learning and taking thematic three-course clusters in the other two areas.

The University of Rochester's unique curriculum can be beneficial, but the extensive course selection process can often lead students facing difficult decisions. Currently students' resources are limited to the University's CDCS or RateMyProfessors.com, but both sites present problems of vagueness and RateMyProfessor is not geared specifically towards Rochester.

URscheduler serves as an all-in-one tool where students are able to not only find the standard course descriptions and information, but also are able to view student reviews of the professor, reviews of the course, and build their schedule.

Choosing the best courses and professors is a rite of passage for every student. URScheduler aims to aid students to create the best possible experience for curriculum building at the University of Rochester.

Use Case 1: Teachers Pet

Student Billy takes ECO108 and loved Professor Rizzo's class. Although he is a Chemical Engineering Major, he definitely wants to take more classes with Rizzo and wants to potentially cluster in this field.

Using SchedulUR Billy can find other classes that Rizzo teaches and see how they compare to this first ECO108 class he enjoyed. During his search, he can also see if his desired class is compatible with a cluster. If Billy finds a class that he wants to take, he can either bookmark the class for later or add it to his schedule.

Use Case 2: Typical Freshman

Bobby is a freshman and has no clue where any of his classes are.

Using the SchedulUR mobile app Bobby can easily access his class schedule he previously made on his iPhone or Android phone. Even if he doesn't have his schedule made Bobby can simply search his class name. Using location services and mapping technology Bobby can locate where his class is relative to his current location and help him get to class.

Use Case 3: Senior Spring

Senior Scott is ready to have a laid back spring semester after a hard working 4 years. He has always been interested in the field of visual arts and wants to take an easier class out of pure interest.

Using SchedulUR Scott can search for classes in the field he wants to learn, see if it fits into his schedule and most importantly he can also see the reviews from other students about that class to ensure one of his last classes at the university is enjoyable.

Required Technology

1. Server Side Framework: yes
2. Database: yep
3. Ajax: possibly
4. Web Service: Yes
5. Multimedia: yes
6. Make an API: yes
7. Design and Evaluate: Yes
8. Accessibility: possibly
9. Go Mobile: yes
10. Server-Side Processing: yes