

UW Schedule Optimizer

CSE 403 Project Proposal

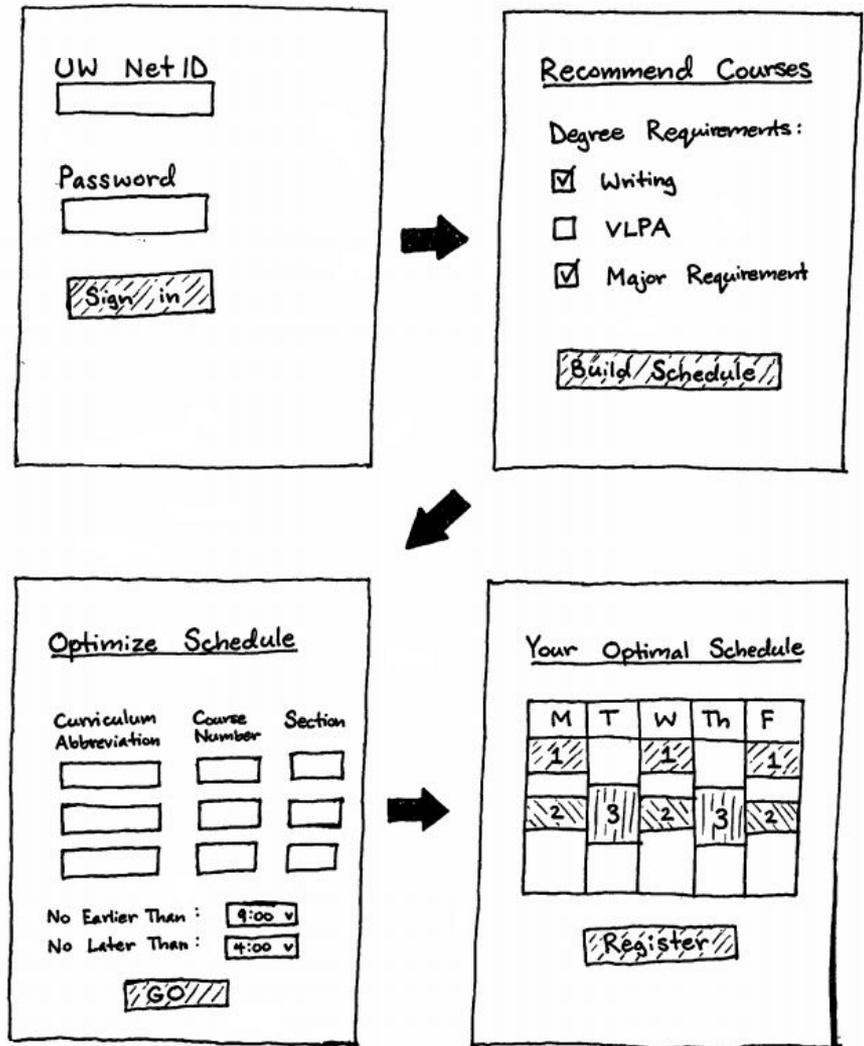
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What and Why

The problem: choosing classes, sections for each class, combinations of sections is a headache we all experience every quarter.

The solution: Automate the process as much as possible.

Scheduler Optimizer finds the best schedule for you by analyzing your degree audit and your preferences in terms of location and available hours.



How

- UW provides the Student Web Services (SWS) API, which exposes degree audit, course and section search data.
- Crowd source data from senior students who felt their course paths were successful. Use this data to recommend schedules.

Challenges

- Gathering enough data to be able to give meaningful recommendations. Alternatively, we could attempt to obtain the data directly from the source.
- Utilizing and interpreting the data correctly.
- Recommending courses to first quarter freshmen is difficult.