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MyUW College App

Goal

A customizable collegiate professor and student facing application for course organization, communication, class administration and college-wide information, similar to MyUW.

- Administrative professor facing web application for collegiate and class administration.
- Firefox extension and web application for students
- Pending resources: iPhone application, Facebook application

The Opportunity

Students need to know what is expected of them: assignments, tests, and readings.

Students want to review lecture material either to remind themselves or because they missed something.

Communication between the professor and student is lacking.

Students need better ways to organize and manage their school life

The Solution

A web or mobile application that offers several features:

- A day to day calendar displaying each class of that day, the topic, other notes, released HW, link to audio or video

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- A course overview detailing the basics of the class, current course grade, link to email or phone professor, auto-updated from MyUW through single login, class announcements
- List of assignments and things to do, synced from a professor released list, delete-able and add-able
- College wide details, emergency alerts, news, campus map
- Media manager to manage downloaded media

A matching Firefox extension synced with the web application, but includes links to actual detailed course material, such as syllabus and homework write-ups.

Professor managed backend for posting grades, course details, calendar details, announcements etc.

Challenges and Risks

- Learning the different environments (Firefox, iPhone Objective-C)
- Working with media to support as many formats as we can
- Making sure we create something more usable, streamlined than what already exists

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MySQL Database

Application Framework / API

Firefox Extension

Student Web App

Professor Web App

Mobile/Other Apps

SQLlite

SQLlite

Local (JavaScript)

Remote (HTML / Ruby / PHP / GWT)

iPhone Native (Objective-C)
Google Android (Java)
Facebook App