

Information System and Service Design

Final Project Presentations

Wednesday, 10 December 2008
2:00-3:30 pm, 202 South Hall

Open Textbooks

The OpenTextbooks project creates a web-based mashup for students to purchase textbooks at the best available price, speed, or convenience to the student. Currently, there is no single comprehensive source for students to find out what books they need, where they can get them, and how much they will cost. Our goal is to create a system where students can view all the books they require for the courses they are registered in and allow them to easily evaluate different prices and delivery options, thus maximizing their ability to meet their textbook needs with minimal effort.

Team Members: Kathleen Lu, Hyunwoo Park, Abhinav Prathivadi, James Tucker

Smart Bookstore

Our team will serve as external consultants to a large chain bookstore such as Borders or Barnes and Noble, which provides multichannel retail options. The goal of our team is to improve inventory efficiency and customer in-store and online satisfaction, increase sales, as well as help the bookstore gather more useful marketing data from customer browsing and purchasing patterns. We will help the bookstore utilize RFID technology with a more user-centric adaptation of the bookstore's information system.

Team Members: Devin Blong, Jonathan Breitbart, Julian Couhault, Jessica Santana

Courseland

Our mission is to design and build a smart information system that will simplify "administrative" tasks for students, including course registration, changes to course schedules, payment of university fees and tracking of course/degree requirements. This project will focus on students of the Ischool of UC Berkeley. The idea is to make these "administrative" tasks less difficult and time consuming for the students so they can focus on classes and maintaining their academic standing as well as enjoying the college experience ahead.

Team Members: Michael Lee, Karen Nomorosa, Laura Paajanen, Luke Rhee, Vida Toodesh

University Village Energy Management

In our project, we take the case of the University Village in Albany, a development owned by the university that provides student housing. The management of University Village pays directly for its utilities and may benefit from a program that makes it easier for their tenants to manage their own home energy usage. The system will connect the University Village with its tenants and their thermostats and other energy meters in their apartments. The system will also connect with the power company information systems to integrate billing and overall consumption information. The goal of this project is to reduce energy costs of the University Village to the point where the project earns a positive return on its investment. There must also be a public relations benefit to implementing this program.

Team Members: Jesse Dedman, Tilman Dingler, Connor Riley, Jonathan Yen