A proposal for the practical assignment in MoC 2011

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March 6, 2011

Overview

Basic Idea

Facilitate lecture management by integrating EVUBS, Google Calendar and Google Maps.

EVUBS

- A web service which provides lecture data for Uni Bern.
- allows us to mimic www.evub.unibe.ch.

Frühjahrssemester 2011
- + Theologische Fakultät
- + Rechtswissenschaftliche Fakultät
- + Wirtschafts- und Sozialwissenschaftliche Fakultät
- + Medizinische Fakultät
- + Vetsuisse-Fakultät
- + Philosophisch-historische Fakultät
- + Philosophisch-humanwissenschaftliche Fakultät
- − Philosophisch-naturwissenschaftliche Fakultät
    - + Climate Sciences
    - · Philosophie / History and Philosophy of Science (15)
    - · Weitere Philosophieveranstaltungen siehe auch Phil.-hist. Fakultät
    - + Mathematik
    - − Informatik
        - · Bachelorstudium Informatik (2. Semester) (4)
        - · Nebenfach Mathematik für Studierende der Informatik im 2. Semester (1)
        - · Grundkurs Informatik 2. Semester (1)
        - · Bachelorstudium Informatik (4. Semester) (4)
        - · Nebenfach Mathematik für Studierende der Informatik im 4. Semester (1)
        - · Bachelorstudium Informatik (6. Semester) (2)
        - · Master Program in Computer Science (11)
        - · Logic in Mathematics and Computer Science (5)

Google Calendar & Google Maps
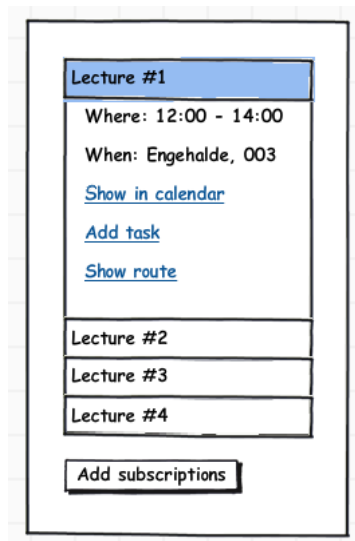
Who does not know them?

Functionality

- Allow users to browse lectures like in EVUB.
- Allow user to "subscribe" to a lecture.
- Show subscriptions on home screen for convenient access.

For subscribed lectures:

- On demand present route from current location to location where lecture takes place using Google Maps.
- Automatically add lecture as an appointment to Google Calendar.
- User may create tasks belonging to a lecture, i.e. weekly exercises, projects etc. Would also be added to Google Calendar.

Home screen prototype

Further features

- Generate printable timetable from subscriptions.
- Add reminders based on subscriptions.
- . . .

This is it.

Questions?