

Integrated Lecture Management: Proposal for practical assignment in MoC 2011

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IAM

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Overview

1 Basic Idea

1 Involved services

- EVUBS
- Google Calendar & Maps

1 Application details

- Functionality
- Home screen prototype

1 Milestones

- 1
- 2

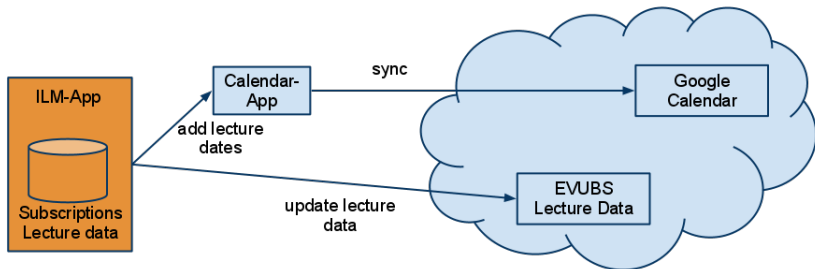
1 Further features

1 Questions

Basic Idea

Make lecture management more convenient by integrating EVUBS, Google Calendar and Google Maps.

Involved services



- 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

Is anyone not familiar with those two?

Functionality

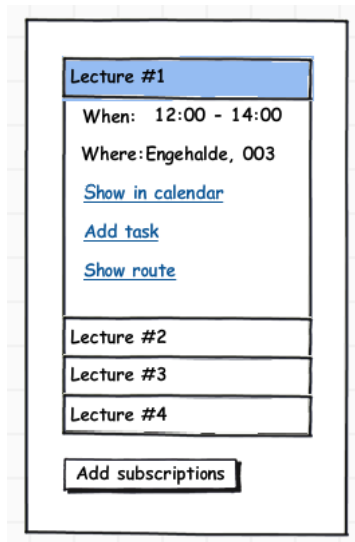
Basic lecture management

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

Features for subscribed lectures

- On demand present route from current location to where lecture takes place using Google Maps and the device's GPS module.
- 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



Milestones

Milestone 1

Everything except integration with Google Calendar and Google Maps

- User interface
- Integration with EVUBS
- subscribe-functionality

Milestone 2

Integration with Google Calendar and Google Maps.

Further features

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

This is it.

Questions?