

CS-E4400 Design of WWW Services (5 credits) Lecture 1: General Information

Petri Vuorimaa

Overview

- Goals
- Personnel and contact information
- Lectures
 - Lecture Schedule
- Literature
- Project work
- Grading
- Pitching, groups
- Summary

After This Course

- ❑ Recognize various Web design activities
- ❑ Have hand-on experience in designing a real-like Web service
- ❑ Be able to design a Web service

Personnel

- Prof. Petri Vuorimaa (first.family@aalto.fi)
 - Responsible teacher
 - General issues about the course, MyCourses-page, lectures
- Assistants
 - Markku Laine (main assistant)
 - Mikael Linko
 - Helena Saarinen

Information Sources

□ Homepage (MyCourses)

- Primary information channel for everything
 - Announcements
 - General Discussion
- Lectures
- Instructions
- Assignments
- Results

□ E-mail

- Contact information in previous slide

Lectures

- ❑ Tue 12:15-14:00 TU1 (TUAS) and Wed 10:15-12:00 T1 (CS)
 - Only I period
- ❑ Visiting lecturers
 - Selected specialists from the industry and Aalto University
- ❑ Lecture schedule in MyCourses
- ❑ Attending is **highly recommended**
- ❑ Will help you with your project work
- ❑ Some lectures are directly linked to project, some are more general introductions to current industry practices.
- ❑ Lecture slides will be added to MyCourses, if possible

Lectures (timetable)

- Tue 18.9 General Information, Petri Vuorimaa, Aalto University
- Wed 19.9 Topic Pitching, Petri Vuorimaa, Aalto University
- Tue 25.9 Getting Started, Petri Vuorimaa, Aalto University
- Wed 26.9 Component Based CSS Development, Varya Stepanova
- Tue 2.10 Why we use Rails and how the modern JS frameworks (React, Angular, etc) fit into it, Matias Korhonen and Joonas Kykkänen, Kisko Labs
- Wed 3.10 Design Thinking, Ville Siren, IBM
- Tue 9.10 Design Gala, Petri Vuorimaa
- Wed 10.10 Experiences from the past, Jari Jaanto
- Tue 16.10 IPR and other legal considerations in designing and launching new WWW services, Emilia Lasanen, Properta Asianajotoimisto Oy
- Wed 17.10 Demo Gala

Literature

- ❑ No official text-book available
- ❑ A lot of material available on the web
 - <http://www.w3c.org>
 - <http://www.smashingmagazine.com>
 - ...

Project

- ❑ Design and implementation of a web site
- ❑ In groups of **three (3)** students
- ❑ Topic is free of choice
 - If you want to implement a commercial website please contact the course personnel
- ❑ Three (3) phases
 - Design
 - Demo
 - Implementation

Project (continues)

- Focus areas
 - Content Production
 - Layout and Usability
 - Dynamic functionality (programming)
- The recommended documentation language is English (or in Finnish or Swedish, if your assistant agrees)
- Deadlines are strict: If you submit late, you will get penalty points

Grading

- ❑ NO EXAM
 - **Passing the course = completing your project**
- ❑ Grade 0-5 based on your project
 - Everyone in the group gets the **same** grade
- ❑ Contact course personnel, if your group has problems you are not able to solve
- ❑ Points from every phase
- ❑ Read the instructions carefully
- ❑ Documentation versus Implementation
 - **Both** are important!!

Documentation vs. Web site

- ❑ More weight on Web site in implementation phase
- ❑ Iterative and agile development

- ❑ Document is still a central part of the grading
 - Language and
 - Schedules

- ❑ **Good website + good documentation = Good grade**

Notgoingtowork.net

- ❑ Alone / with one friend
- ❑ Existing CMS:s (such as Joomla or Wordpress)
- ❑ Own server / company server with no access
- ❑ Own requirements
- ❑ Requirements and schedule of the company
- ❑ Face lift to existing website
- ❑ Web2.0 – only programming, no content
- ❑ Copyrights

Getting Started

- ❑ Find group and select a topic
- ❑ You can find group members
 - After lectures
 - MyCourses General Discussion forum
- ❑ If you do not find a group, or if you are just two persons and cannot find a third member, contact the personnel
 - We will make sure that everyone will get a group
- ❑ Check that you have enrolled to the course in Oodi
- ❑ Submit your group enrollment in time
- ❑ Reserve a time for the design meeting and prepare well
 - You will get the most out of it!

Topics

- ❑ Hobby Clubs: dancing, boy scouts..
- ❑ Hobbies: gym, running, knitting..
- ❑ Studies: Study planner..
- ❑ Lifestyle: Food, drinks, travelling..
- ❑ Real (commercial) websites: companies, bands

- ❑ Real topic often better than imaginary ones
 - Requires people with lots of imagination

Design Phase (30/100)

- ❑ **21.9 Group registration**
- ❑ **28.9 Reserve time for design meeting**
- ❑ **5.10 Design meeting with your assistant 1-5.10**
- ❑ **8.10 Design gala**
- ❑ **12.10 Design document (30p)**

- ❑ Select your focus area and clear responsibilities
- ❑ Start reporting your working hours
- ❑ Read instructions carefully

Demo Phase (20/100)

- ❑ **19.10 Demo Gala (10 p)**
- ❑ **26.10 Updated Project Plan (10 p)**

- ❑ Simple version of your site
- ❑ Improved documentation, based on your design document
- ❑ Schedules
- ❑ What have you learned?

Implementation Phase (50/100)

□ 23.11 Final document (25 p)

- What have you actually implemented?
- What has changed from design document?
- Reflect changes

□ 23.11 Final Web service (25 p)

- Final version of the implemented Web service

Summary

- ❑ Goals
- ❑ Personnel and contact information
 - Contact personnel if you are having trouble
- ❑ Lectures
- ❑ Visiting lecturers
- ❑ Literature
- ❑ Project work
 - Three phases: Design, Demo and Implementation
 - Read the instructions
- ❑ Grading
 - Everyone gets the same grade

Wed 19.9 Lecture: Pitching

- ❑ If anyone has an idea for a project, feel free to pitch your idea
 - If you find someone's idea interesting, you can join the group
- ❑ If someone does not have a group yet, you can try to find members here as well
- ❑ Use MyCourses to find a group

Thank You!

Questions or Comments?