CS-EV Web Service Design (2 ECTS)
Lecture 1: General Information

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Overview

- ❑ Goals
- ❑ Personnel and contact information
- ❑ Online meetings
- ❑ Literature
- ❑ Project work
- ❑ Grading
- ❑ Pitching, groups
- ❑ Summary

After This Course

- ❑ Define the user groups and use cases of a Web service
- ❑ Plan the content of the service
- ❑ Develop user interface sketches and navigational structure of the service
- ❑ Select the Web technologies and define the architecture of the service
- ❑ Plan the implementation project

Personnel

❑ Prof. Petri Vuorimaa (first.family@aalto.fi)
  - ◼ Responsible teacher
  - ◼ General issues about the course, MyCourses-page, lectures

❑ Assistant Carl Kugblenu (first.family@aalto.fi)
  - ◼ Assignments

Information Sources

- ❑ MyCourses
  - ■ Primary information channel for everything
    - ❑ Announcements
  - ■ Instructions
  - ■ Assignments
  - ■ Results
- ❑ Zoom
  - ■ Lectures
- ❑ Piazza
  - ■ Discussion forum
- ❑ E-mail
  - ■ Contact information in previous slide

Online meetings

- ❑ Wednesday 24.4 18:00-20:00 General Information
- ❑ Monday 29.4 18:00-20:00 Topic Pitching
- ❑ Wednesday 8.5 18:00-20:00 Getting Started
- ❑ Wednesday 22.5 18:00-20:00 Design 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 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

❑ This course, covers the first **design** phase

❑ Two other modules cover **demo** and **implementation** phases

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 search for group members in **Piazza**

❑ 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

❑ 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

- ❑ **3.5 Group registration**
- ❑ **10.5 Reserve time for design meeting**
- ❑ **17.5 Design meeting with your assistant 13-17.5**
- ❑ **22.5 Design gala**
- ❑ **27.5 Design document (30p)**

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

Summary

❑ Goals

❑ Personnel and contact information

  ◼ Contact personnel if you are having trouble

❑ Lectures

❑ Visiting lecturers

❑ Literature

❑ Project work

  ◼ First phase: Design

  ◼ Read the instructions

❑ Grading

  ◼ Everyone gets the same grade

Pitching

❑ If anyone has an idea for a project, feel free to pitch you 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 Piazza to find a group

Thank You!

Questions or Comments?