Mini-project

The mini-project is introduced to allow you to go through a neat, small project, practice your design skills, and explore some technology that you may have wanted to get (more) familiar with, and show it to your peers. Since you have a diverse background, the mini-project can fill one of your knowledge gaps. The time spent on it should be about a week.

The deliverables of the project are a proposal (fits on a page), a design document and a working application.

The rules are as follows:

- You propose a subject for the project: title, idea (domain, goal), main use case, technology, to me. Deadline: March 16, 2012.
- Use open source components as much as possible.
- When I approve of the proposal I will post it on a webpage to inspire the others and avoid duplication.
- You hand in the result on or before August 31, 2012. The project will become part of your portfolio.
- The project can be carried out on the days where no training or other activities have been scheduled.
- In first week of September or the one after we will arrange 5 minute demo's for the entire group.

Topics which may be of general interest include mobile phone apps and mash-ups. See also: http://wwwooti.win.tue.nl/projects/Mini_Projects2010.html

Notes:

The design document should cover the design supporting your main use case. It should explain the benefits and drawbacks of the design and contrast it to an alternative that you rejected.

It should also cover the realization. Some proposals have a much wider ambition than can be covered in a week. In that case you could regard the mini project as a first iteration.

The working application should be an implementation of the design. It should have a close relationship to it. Often the implementation will include additional functionality or utilities to fit your design into a particular context. This may be the case if you have a larger ambition than fits in a week. You should point this out. The implementation will have the form of a Netbeans or Visual Studio project.

Since you will need a couple of diagrams and some comments around them your report will easily reach 10 pages. Do try not to exceed 20 pages.

The working application will be demoed in early September. Since some applications (e.g. mobile phone app) are hard to demo to a group, you will need to prepare 3 -5 PowerPoint slides to point out the highlights. This you can also hand in.