

## User Centered Design 2009

### Exercise 1

#### 1 X-task

Attend the first demo session and find partners for the project group. Give the group a name, and distribute responsibilities. At least you will need a manager (group management, task specific duties, publicity, reporting), analyst and designer.

Start a blog (e.g. wordpress.com, blogger.com), publish a first post about your group and topic, and intended client.

Send information about your group (name, members, tasks division, RSS to the blog) to your demo teacher (Monday group to Tersia, Tuesday to Minnamari) no later than 1 day after the demo.

#### 2 Normal task

Read the following article and answer to the questions below:

Grudin, J. The Computer Reaches Out: The Historical Continuity of Interface Design CHI'90 Proceedings, April 1990, pp. 261-268. <http://doi.acm.org/10.1145/97243.97284>

The article (and many other interesting CS-related articles) can be found in the **ACM digital library** which you can access from inside university network.

- a. How has the user interface development and research changed from 1950's to 1990's, according to Grudin?
- b. Describe how Grudin understands "user interface". On what grounds does Grudin use the concept in the way he does?
- c. What are the challenges of interface design in Grudin's opinion?
- d. Grudin wrote his article in 1990. What has happened during the past twenty years and how do you think it has changed development and research in the area of software design?
- e. What is the most important message that you learned from Grudin's article?

#### 3 Normal task

In the lectures we talked about design window. Imagine yourself starting two projects - A) an electronic system for submission of demo assignments in this course, and B) a digital mobile tool to help people who suffer from AMD and a navigation disorder. Estimate the risks using the design window as you see them today. Explain the reasons and how to decrease the risks.