

## Exercise 6

*Deadline: 21.06.2013; 12:00 (noon)*

### **Task 1: Paper Prototyping** (Individual Work or Group Work; 1 Bonus Point)

The following exercise can be completed individually or in groups of two persons. Assume the following situation: You want to design a touchscreen interface (e.g. for iPhone) that allows you to control your home while on the go. The focus of this exercise is to design the end-user interface. Thus, you don't have to take care about how the information will be available on the phone (e.g. plan of the apartment, etc).

The end-user interface should support things like:

- Check if you have turned off the stove, when you already left the house
- Start the coffee machine, while you are still lying on the bed with your phone
- Turn on the floor heating, when you are about to come home and it is cold outside
- Put water into the bath tub, so you can take a bubble bath when you come home

These are just a few examples. Also think about other possibilities.

In order to complete this exercise, do the following steps:

1. Use paper, Post-its, Pencils, etc. for your paper prototype
2. Sketch the different screens of your end-user interface
3. Test your paper prototype with person that is not a member of your group / yourself
4. Write a summary of your test. Identify problems that you have observed, issues that have been noted by your participant, etc. Propose improvements for the identified issues.

**Note:** You can write your answers in German.

**Submit** your solution as PDF using UniWorX. The PDF should contain the screens of your paper prototype (in the right order) and some explanation about what you can do on each screen. The PDF should also contain the summary of your test.