# Exercise 7 – Mensch-Maschine-Interaktion 1

**Task 1: Design a User Study**

Thereby execute the following steps together with your group:

1. **Goals**
   Establish three goals. These goals state what you expect your system to achieve. Anyway it can happen during the user study that you need to reject a goal, because your system is working differently than you expected.
   *E.g. The user finds the main hierarchy easily and can perform a subtask by max. five clicks.*

2. **Script**
   Write down the whole procedure of your user study. What will you tell user in your introduction? What will be the task(s) the user has to carry out? Which paper prototype will the user be handed to execute the task? When will the user be asked to fill out a questionnaire? In which order will the whole user study be carried out?
   All in all, the script should be detailed enough for an external person to perform the user study with some test persons when having just your script and all paper prototypes and questionnaires.

3. **Questionnaire**
   Design your questionnaire(s). Use Likert-Scales to get qualitative feedback from your users and also free text.
   The Questionnaire should not be longer than two pages.

All in all your user study should not take longer than 15 minutes per user during the execution.

*Only design the user study, do **not** conduct it!!*

**Task 2: Usability Evaluation Considered Harmful (Some of the Time)**

Download and read the following paper:
http://www.billbuxton.com/usabilityHarmful.pdf

Afterwards write a short summary (10-15 sentences) about it.

Although only one summary per group is submitted we strongly advise all team members to read the paper!


**Task 3: Present your Data**

Prepare a short presentation of your user study design (5-10min).

The presentation should contain your goals, your script and your questionnaire.

Use this opportunity to address questions to the other groups. Besides your Tutor and your fellow students, two guests will attend your presentation to give you valuable feedback.

The presentation will be given in your next tutorial by one of your team members.

Bring everything you need for your presentation to the next tutorial!


**Task 4: User Study Participation**

Don't forget to take part in a user study!

Your participation is mandatory for your success in this course and has to be done until July 23rd.

Information about user studies can be found at http://www.die-informatiker.net/forum/Nutzerstudien.


**Submission:**

- Submit your goals, your script, your questionnaire(s) and the summary of the paper (all in one **PDF**) via UniWorx.
- Deadline: 23.06.2010 8:00
  (**Late submissions** or submissions via eMail will not be accepted!)