

Exercise 9 – Mensch-Maschine-Interaktion 1

User Study

(Per-group homework, 1 week)

Conduct the user study you have planned in the last exercise with at least 4 participants. The easiest way of recruiting participants is asking students, who chose the other topic. E.g. a set-top-box group could cooperate with an open source group, each participating in the other group's user study. DO NOT, however, use students who chose the same topic! You are REQUIRED to participate in a user study of another group. Organize user study time slots and participants in the Wiki (<https://wiki.medien.ifl.lmu.de/Main/MMIEvaluationWS0708>).

Furthermore, do a complete statistical analysis of your collected data. Write a discussion of your results as for a scientific publication. In your final report please combine the results from the heuristic evaluation with the quantitative and qualitative findings from your user study.

Apply the following guidelines:

- If you already received feedback from us, please edit your report from the heuristic evaluation accordingly.
- Display the results from your statistical analysis in tables as well as diagrams.
- Mention weaknesses in your methods.
- For the final report please apply spellchecking.
- Make the report easily readable.
- Please try to avoid negative phrases like "this is not acceptable", "stupid", or "very bad". Instead try to give constructive critique ("should be reconsidered", "might be not intuitive to novice users", "is not in conformance with the guidelines"). The more negative you talk about the developer's work the less he will feel inclined to fix the problems you mention.

Prepare a presentation of ~10 slides documenting your findings. Use screenshots and diagrams where applicable. This presentation will be given by one of your team in the tutorials from 05.-08. February.

Submission:

- Submit your user study results to the UniWorx¹ system.
- Please use a zip file named exercise9-groupN.zip (N is the number of your group). The archive should contain:
 - a data file containing collected values and analysis results (use OpenOffice or MS Excel)
 - a report containing your detailed interpretation of the results from heuristic evaluation (use copy&paste) and user studies (in plain text) (PDF Format)
 - PowerPoint or PDF slides (PDF or PPT format)
- The report must be written in English.
- Deadline for submission: **Tuesday, February 5th 2008, 12 a.m.**

¹ <http://www.pst.ifl.lmu.de/uniworx/>