Usability testing

Assignment 5

1. Aim

This assignment is aimed at testing of the developed high-fidelity prototype. In this assignment students act as usability experts. The goal is to evaluate whether usability objectives defined in the 1st assignment are reached. Students have to involve 5 participants which user characteristics are similar to the characteristics of a target user group. Then, the testing is conducted.

2. Outline

The assignment is composed from the following sections:

- Executive summary
- Introduction
- Participants
- Methods
- Findings and recommendations
- Appendices
  - questionnaires
  - testing protocols
  - Informed consent
  - Other (if used)

3. Brief explanations

In executive summary is briefly generalized: who conducted the evaluation, participants' demographical information, occupations and IT usage experience, the most significant finding (positive and defects)

The introduction provides the description of tested prototype, project goals and test goals.

Participants section contains a detailed description of all participant demographical information (age, gender, education), current occupation, technology usage experience levels and other relevant characteristics.

Methods section encompass the test procedure: where testing took place, software environment, how it was conducted, which tasks were tested with listed success criteria.

Findings and recommendations can be organized according to user tasks. Quantitative results are provided in tables or graphs. Qualitative data contain participant comments and subjective impressions. Severity ratings should be set for the revealed defects.

Further useful information is provided in the following websites:

- What is CIF? (http://zing.ncsl.nist.gov/iusr/documents/whatistheCIF.html)
- Example of commercial reports: http://www.dialogdesign.dk/Test_Reports.htm
- Document samples: http://www.usability.gov/templates/index.html

4. Assessment criteria

Project short title | Grade |

Grade = 0.7 x essence + 0.3 x documentation-penalty for delay

Assessment criteria	Max
Documentation quality	**10**
The file name contains assignment number and project title	1
Title page	1
Annotation (short summary, contributors)	1
Contents	1
Structure	2
Section numeration	2
Image and tables have captions	1
Images and table are referenced from a text	1
Essence: usability testing report	**10**
Executive summary	1
Introduction	1
Participants	1
Methods sections contains description of a testing procedure	1
Findings: results are grouped according to tasks	1
Findings: defect's priorities are set	1
Participants' comments are provided	1
Recommendations suggest design improvements	1
Appendices contain questionnaires user before and after testing session as well as consent form, testing protocols	1
Participants' privacy is ensured in the report	1