

Exercise 7 – Mensch-Maschine-Interaktion 1

Accessibility

(Single or Group homework)

Choose one of the following impairment:

- hearing impairments
- visual disabilities
- physical disabilities
- speech disabilities
- cognitive and neurological disabilities
- multiple disabilities
- aging-related conditions

1. Research good and bad examples of applications

What are problems of people with this type of disability? What kind of applications or interface elements are they having problems with? Find good and bad examples of applications for this user group.

2. Tools

What kind of tools can help

- **you** in checking your application for accessibility in this domain?
- **an impaired person** while using the application?

3. Design guidelines

Are guidelines or best practices proposed that help you in designing your application? What needs to be considered when designing for this user group?

Submission:

- Submit the solution using Uniworx. Include names of team members. Your file has to be a PDF and has to be named in the following scheme: exercise7-<cip-Kennung>.pdf. Each group should submit only one solution.
- **Deadline:** 04.07.2011, 12:00 (noon).