Due to Friday 20 November 2015

Intelligent User Interfaces: Design and Implementation
Fall Semester 2015/2016

Exercise 1: (compulsory)
Take a look at the reading list and select four papers, two from each category.
http://www.dfki.de/~sonntag/courses/WS13/reading-list.html

Begin to read with respect to the instruction in
http://www.dfki.de/~sonntag/courses/WS14/How-to-Read-a-Research-Paper.html
and the review questions: http://www.dfki.de/~sonntag/courses/WS15/Critique.html

The paper critiques (1-2 pages each) are due to January 8, 2016.

Exercise 2: (compulsory)

Software Project

Phase 1: Topic Selection & Task Analysis:
(You will be contacted by November 21, 2015)

Phase 2: Initial Design and Implementation
Specify system design goals and create an initial conceptual design and implement it together
(data annotation task).
This year, we will focus on 3D (video) sensor data + Myo + annotating daily life activities in
the IoT (Internet of Things) paradigm.

Write a report describing the users, their tasks, your technological solution to supporting them
(including design and prototype implementation), and how the system is expected to be used.

What you turn in on January 30: 6 page final report, including two to three page description of the
task being supported, how users currently perform this task, and the type of technology you
investigated. This should include some indication of how a system might augment current work
practices—remember to respect current tradition while looking for ways to transcend current
practice. This should include diagrams/drawings of the interface or interactions between system
components and users in order to provide a sense of what the system might look like.

You will be contacted by the tutors who will provide further details.