

Assignment 9 – Human-Computer Interaction 2

Note: Exercises are voluntary with the goal of preparing you for the final exam. The sample solution will be presented during the exercise sessions on Monday.

Concepts and coding skills taught in these exercises are relevant for the exam.

Over the coming weeks, we build a web based voting system using the MEAN stack (Mongo, Express, Angular, Node), which we can try out in class. (we follow Joe Lennon’s instruction: <http://www.ibm.com/developerworks/library/wa-nodejs-polling-app/>)

Exercise 1:

State the name of 3 techniques addressing the problem of

- 1. Limited screen space on mobile devices.**
- 2. Imprecise touch input**

State the name of 2 techniques extending

- 1. Input vocabulary on mobile phones**

State the name of 3 techniques for gestural interaction in mid-air.

Explain each technique in detail.

This Week (Step2 + 3):

Follow Joe Lennon’s instruction (Step 4).

Solve the following modification in your code:

Show a listing of all polls in the html file that is called when clicking on the “delete polls” button from Assignment 8. Add a “delete” symbol in front of each item. If you click the delete symbol the appropriate poll gets deleted from the database and you return to the main “/#/polls” page.

This is the last assignment this year. Merry Christmas and a Happy New Year!