Interactive Systems (H)

Lab exercise sheet – week 2

This week's lab work is not assessed and there is nothing to submit

In this first lab, we'll get used to working together in your groups in the lab or over Teams and with your tutor. We have some warm-up tasks below to get you thinking about some of the issues covered in the course. You should be able to work through it in groups either in the lab or online.

Typing

This week's lecture discussed typing. Later in the course, the second assessed exercise will look at analysing a large-scale data set recorded from a publicly available website that offers typing tests.

Try the test for yourselves, and take a note of your **WPM** and **Error** results. Everyone in your lab group of 5-6 people should do it individually, then collect your results together as a group.

Note: The site suggests to use a mobile device. You can test on any type of device you like, but it would be best if everyone did it on the same type of device, e.g. phone or computer.

http://typingtest.aalto.fi/

Learning and User Expectations

Users expect certain conventions to be followed, and when these break down user interfaces can become challenging. As developers, we are often blinded to errors in our own work because we have "learned" how to use our own interfaces. The following online experience does an excellent job of pointing out how important conventions are, but also how with a small amount of training users can adapt.

You can try it one or more times, but record how quickly you can complete all the tasks on your first run through

https://userinyerface.com

Presentation of Results

Gather together results from each member of your lab group for the two tasks above. Think about how you could visually present these results. Note the dimensions of your data – 3 results for each of several people – and consider what would be interesting for a visualisation to highlight.

Produce plots or charts in any software or environment you feel comfortable in.

You could also generate any summary stats you consider appropriate.

Your lab assistants can provide feedback or discuss this with you.

You do not have to submit this work anywhere.