TOI-OHOMAI
Institute of Technology

COMP.5209 - Interface Analysis and Design

Week 01 - Lesson 02 (3 hours)

Prepared by: Jeffrey Kranenburg

Points to cover

- Exercise 1 - Looking at websites (good and bad) (20 minutes)
- Exercise 2 - Difference Between UI and UX (20 Minutes)
- Break - (20 minutes)
- Intro to HTML and CSS (20 minutes)
- Exercise 3 - Setting up your IDE and installing some extensions (20 minutes)
- Small Break - (10 minutes)
- Exercise 4 - Google how to code a simple HTML page (30 minutes)
- Recap for the Week - (10 Minutes)

Exercise 1 - Looking at websites (good and bad) (20 minutes)

Find 2 websites and think about the following:

- **Find one website that you like**

- **Find one website that you dislike**

- Why do you like it?

- Is it easy to navigate?

- Is there anything you would improve?

- Is the website responsive? (ie. does it change when the screensize changes)

Exercise 2 - Difference Between UI and UX (20 Minutes)

Get into groups of 3 and find resources of what the differences are between UI and UX.

- use socialmedia
- find info graphics
- find some jargon around UX and UI and their definitions
- create a digital shared document and share it on the class moodle page when you are finished

Break - (20 minutes)

Intro to HTML and CSS (20 minutes)

- Discuss what HTML and CSS are and show examples on websites by viewing the source code.
- The idea is to see what the students can pick up from the code without being explained what it means.
- They can draw from previous experience (if any)
- Demo how to setup a project in an IDE and explain what the purpose is of the IDE (and how this work differently from say a bigger IDE like Visual Studio)

Exercise 3 - Setting up your IDE and installing some extensions (20 minutes)

- The students need to get familiar with the IDE.
- They can choose a theme, look at plugins, learn how install and manage them.
- Learn how to backup your extensions (`.vscode` folder in the Users folder)

Small Break - (10 minutes)

Exercise 4 - Google how to code a simple HTML page (30 minutes)

- Let students explore a few sites (they have to find them) on how to code an HTML page.
- What is required for them to make a webpage
- What are the resources they found (discuss)
- Coding Journal - write down what you find for future references

Recap for the Week - (10 Minutes)