

Website Design (35 points)

In groups, you will do a *sprint* for the website design project. The website you will be designing could be a new website, or re-design of an existing one (e.g. some groups may choose to re-use the "website re-design" project of DG8003 in this course).

The project will span across the last two lectures. **Each group will have to present twice, once on Day 1 (November 29) and once on Day 2 (December 6) during class hours.**

Day 1 – Sprint Planning (November 29)

On Day 1 (November 29), the students will first show their mock-up/description of the website they will be designing. Students can choose to show their mock-up work from *DG8003-Interaction Design*. However, there are no points associated with the mock-up, so if you do not have a mock-up, just put up bullet point descriptions of what you will be doing. You are to pick at least **3 pages** that you will be creating **from scratch** using HTML/CSS/JavaScript. You can use third-party images and content, but the HTML/CSS/JavaScript parts must be original. You can copy HTML/CSS snippets from other webpages, but make sure you understand them.

Along with the pages, you will be presenting at least **3 user story cards**. Please check lecture #9 to see how user story cards are created. You can draw storyboards to present your user stories and associated tasks if necessary. Each card should contain:

1. Written description of the user story;
2. confirmation: What tests should be carried out to confirm that the story has been implemented properly;
3. estimated hours to be spent on the story (for simplicity we are using *hours*, not *points*). Break it down into who will be implementing what part specifically. You do not have to spend the exact number of hours on the project; this is for scrum practice only. However, it is important you distribute the work equally among the group members. On Day 2, you will be asked questions on the specific parts you implemented.

Submission (Day 1)

Please upload your final presentation for Day 1 in .pptx or .pdf format on D2L before the start of class on **November 29, 2021, 2 PM**. Only one group member needs to submit.

Day 2 – Sprint Review (Demo!) (December 6)

You will be presenting your finished website on Day 2 (December 6). The presentation will be a live demonstration of the website with tests for the user stories from Day 1. For example, if the user story is a login (example in lecture #10), you will show that all the aspects listed in

confirmation have been implemented (error check, invalid password warning etc.). Note that you are not expected to create a real website, only front-end. So, you can hard-code your username, password etc. in your HTML/CSS/JavaScript code (this is just an example; your website may not have a login page).

Submission (Day 2)

Please upload your website on Github (Lecture 2), you can use an account belonging to any of the group members. **The demonstration must be from a Github link.** Additionally, create a .zip file containing all the relevant files from your website project and upload it on D2L before your presentation on **December 6, 2021**. Only one group member needs to submit.

Presentation format

To respect the flexibility mandated by the agile principle, the presentations will not be timed. However, be reasonable; do not create a 30 mins long presentation!

There is no formal Q&A session for Day 1; anyone can ask questions during the presentations. Think of it as more of a discussion than presentation.

During the 2nd presentation, the TA or I might ask you to explain certain parts of the HTML/CSS/JS code to test your grasp of the technologies. For example, we may ask how you implemented certain parts of the website. We will ask questions on the tasks that were specifically assigned to you on Day 1.

Marking

User stories (10):

Description – 5: Description should be clear and adequate.

Confirmation Tests - 4: Confirmation tests should be clear and adequate, should cover all possible scenarios.

Estimated hours to be spent – 1

Implementation (20):

HTML + CSS -10: Adequate use of different HTML tags, at least three pages, at least one use of id selector and one use of class selector.

JavaScript -6: At least 3 JavaScript event handlers (Lecture 8).

Aesthetics -4: Overall look and feel, responsive design, demo through Github link.

Peer Evaluation (5):

A peer evaluation form will be uploaded on D2L for every group member to fill out.