Final Assignment Web Project

Being a web developer means being able to take an idea and put it into practice. Putting an idea into practice requires developers to take into consideration not only the layout, coding and content of a website but also broader historical and social issues related to UX, privacy, accessibility, responsivity and to look forward to new and developing interfaces such as wearables, haptics and augmented and virtual reality. Web developers have to accomplish this working in diverse teams across the office and across the globe.

The aim of this assignment is for you to take an idea and put it into practice by showing the knowledge, skills and abilities you have learned in this course. In other words, in this project you should be able to highlight what you know and what you can do by integrating the knowledge you have gained into a web design project. Some questions to consider in this assignment:

- What are the privacy implications for the design choices I made?
- How will each of our design choices affect UX?
- How accessible is our design for people with disabilities?
- How will our design work with new user interfaces such as wearables, haptics and augmented or virtual reality?
- Have we taken into consideration the people that will use our site, the activities they will engage in, the context in which they will use our site and the technologies they will use to access our site?
- Is my website responsive?
- With whom and how can I test the usability of our website?

Guidelines
This assignment consists of two parts

Part 1
1. In groups of 3 to 7, identify a social or technological problem. See lecture notes posted on Fronter.
2. Identify a potential solution to the problem.

Part 2

1. Create a website that
   a. Explains why the problem is important from a social or technological perspective.
   b. Describes how the problem relates to the solution that you have identified.
   c. Describes what the solution is. For example, if your solution is a mobile app, then describe the app in detail – paying particular attention to the questions above. You do not need to code the solution.
2. The website can include text, images, videos, hyperlinks or any other forms of web content.
3. The website can take the form of a static "informational page" or could be a game, a simulation or include other interactive elements.

The readability of this assignment is rated as 8.7 by https://readability-score.com/

4. Accessibility and usability are more important than functionality. In other words, do not design the page to look "cool" **design it to work effectively, efficiently and pleasurably for the user**.

Part 3

1. Individually rate your fellow group members
2. Rate each group member's contribution to the project using the [peer evaluation](#)

Technical Requirements

- The website must be **uploaded onto the student web server** of at least one group member.
- The website must **contain at minimum one** web page.
- There is no word limit, nor is there a minimum word count.
- The emphasis should be on the quality of the information and the interaction, not the quantity of pages.
- The page can be in any language. However, grammar and punctuation are important! Write clearly and concisely. If it is in a non-English language I will be translating the page using Google translate.
- The use of frameworks or libraries is **prohibited**.
- Copying code written by others is **prohibited**.
- See Fronter for assessment criteria.
- Every group member must complete a [peer evaluation](#) for each group member.

Group Guidelines

- You may form your own groups (minimum 3 and maximum of 7 members).
- All groups must declare their affiliation by filling out [this form](#) before the assignment due date.
- You may not leave or change groups.
- You may not participate in more than one group.
- Participation in a group is each student's individual responsibility.
- Any delays caused by any member of the group are the group's responsibility.
- It is up to each group to maintain a professional working environment.
- Cooperation within the group is mandatory.
- If you have not already declared yourself as a member of a group, you may opt to have a group created for you at any time before the assignment due date by sending an email with the subject line "assign me to a group" to the course instructor. Include your name and student number in the body of the email. The instructor will then assign you another group member or members as soon as possible. This may result in a delay in beginning the project.

Submission Guidelines

- As a group, you must submit **one URL** for your website on Fronter, using the group hand-in function to include all members of the group, under the hand-in folder by 23:59 **on 30 Nov**.

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- In other words, you will make one submission per group, not one submission for each group member.
- Any member of the group can submit the URL on Fronter.
    - Login to Fronter and go to the Web Project room
    - Select the Hand In menu option on the left
    - Select "Create" and "Link"
    - Enter the "URL" and "Title"
    - Under "Customize Owners", Select "Group Submission"
    - Select the names of your group members
    - Select "Save"
- Verify the link works after submission.
- Any changes to the website after the deadline will be considered **late**.
- Late submissions will be accepted, but the final grade will be reduced by one letter grade for every 24-hour period following the due date. If you submit on 1 Dec, the highest grade you will be able to receive will be a B. If you submit on Tuesday 2 Dec, the highest grade you will be able to receive will be a C. If you submit on 3 Dec, the highest grade you will be able to receive will be a D. If you submit on 4 Dec, the highest grade you will be able to receive will be an E. Any assignment submitted after 4 Dec will receive an F.
- Exceptions, for documented medical reasons only, must be approved by the instructor before the assignment deadline.
- Peer evaluations for each group member must be submitted by 23:59 **on 30 Nov.**
- Any student that does not submit a peer evaluation for each of their group members will be lowered by one letter grade. In other words, if I am working in a group of five, including me, and I do not submit four peer evaluations for each of the other group members on time, then my grade will be lowered.

Notes

- Each group must do their own work. This is a group assignment.
- This assignment will be graded A to F according to the assessment criteria posted on Fronter.
- TAs may comment and provide feedback on topics and initial designs.
- Each part of this assignment counts as 45% or your grade. The peer evaluations count as an additional 10% of your grade. **In total this assignment counts for 100% of your final grade**.
- Submission deadlines are subject to change. You will be informed well in advance of any significant changes.