

# Assignment 2

## Final Design of User Interface: Café Self Ordering Kiosk

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**Presentation due:** Start of Week 12 (Monday 14<sup>th</sup> October @ 5pm)

**Report due:** Friday 18<sup>th</sup> October 2024 @ 5pm

**Late submissions:** (-15 marks deduction from total) until 25<sup>th</sup> October.

**Worth:** 15%

This assignment will help you develop important skills including:

- Summarising intended users and their tasks.
- Developing and refining an unambiguous user interface description.
- Written and verbal communication skills by presenting the results of your work in both a **report (10%)** and **short presentation (5%)** formats.

### Background

The CAF was pleased with your UI design concepts for the self-ordering kiosk (Assignment 1). Therefore, they have extended your contract and now want you to finalise a design (note that the design is allowed to be entirely different from that of your first assignment).

### Design Brief

The proposal from the CAF's owners is again short and open to interpretation:

*"We liked your design concepts and are confident that you are the right consultancy to work with us in finalising the interface design for our café's self-ordering kiosk.*

*We want you to give us a final interface design for our café self-ordering setup. We need you to give us an unambiguous description of how users will interact with the interface: what states can be reached and how they are reached; basically, we need to know exactly how the users will interact with all parts of the interface. Don't over-concern yourself with the fidelity of graphical design – we have a strong team of graphical designers who can beautify your designs and work on the aesthetics."*

### What You Should Do

*Precisely* describe your intended user interface design. I would strongly recommend basing your design description around the user's key tasks. I would also strongly recommend that you make extensive use of figures and accompanying text descriptions to clarify exactly how the user interacts with the interface.

The "[Steve Jobs Patent](#)" is available on Learn (in Extra Resources). It provides a good example of how to annotate figures to make an unambiguous user interface specification.

**Link to the example below:**

<https://patentimages.storage.googleapis.com/f3/47/11/1d06ba4060d70a/US7479949.pdf>

Don't get carried away with the patent style of language in the example – you are writing a report, not a patent. Your report should include a short introduction (no more than one page), followed by the main body of the report.

**Your report (10%) (66 marks)** - should first clearly and succinctly describe who your users are and the main tasks that they wish to complete with the interface. You focus on describing the specification of the User Interface design as well as clarifying your expectations regarding the frequency and importance of the tasks supported. Do not assume that the CAF's owners had any memory of your previous submission – Assignment 2 will be assessed entirely independently of Assignment 1.

**Your presentation (5%) (34 marks)** - will be a short summary of your report (5-6 slides) and I will be assessing your ability to present and articulate content from your report to a stakeholder (e.g., me – the owner of The CAF in this case) through verbal communication and visual aids (e.g., PowerPoint).

## Work in Your Original Teams

You will preferably work in your original teams, although reforming groups is permitted if necessary. Anyone wishing to work individually or in a new group **must** confirm with me, at least two weeks before the due date. Use the Learn Assignment forum if you want to find a new group or invite people to join your group.

## What You Should Submit

The final assessment will consist of two submissions, a **short report (10%)** and a **short presentation (5%)** – a total of 15% for Assignment 2.

**For the short report (max 20 pages)**, exactly ONE member of each team should upload a report (PDF document) to Learn – note, ONE submission per team. The submission must include the name and user-codes of all team members, and the final page should contain a statement of the primary contributions of each of the team members.

**The presentation (5 minutes total)** should summarise your final report (around 5-6 slides). It will be presented by at least two members of your team in the labs on the last week of the semester (week 12). You will be asked to upload your presentation slides to Learn under Assignment 2 - Presentation. Include your team's Group ID in the file name of the PowerPoint doc you will be uploading.

## Policy on Generative AI tools (e.g., ChatGPT)

Extensive use of ChatGPT is discouraged. You may, however, use it to improve your written expression -- i.e., it is permissible to use ChatGPT to improve the readability of material that you have written.

Any use of ChatGPT, other Large Language Models, or Generative AI Tools must be declared.

If you choose to use generative AI Tools (e.g., ChatGPT) in your report or presentations, you **must declare how it was used** and **in what parts of the assignment**.

You **must log prompts/input queries** and **include screenshots of the input queries and output results in the appendix**.