

UNIVERSITY OF CHESTER - Undergraduate Programmes Assignment Specification
Faculty of Science and Engineering
Department of Computer Science

Module No CO7210	Module Title Concepts of User Experience	Assessment No 2 of 2	Weighting 75%
Submission Date Tuesday 2 nd April at 17:30			Feedback due by 02.05.24
Assignment Title Mini design sprint and group presentation 3000-word equivalent			
Learning Outcomes Assessed LO2 - Apply current user-centred design processes to solve real-world problems. LO3 - Design, test and evaluate low and high-fidelity interactive systems which meet the ISO 9241:210 standard. LO4 - Demonstrate professional skills in multidisciplinary team projects - e.g. design sprints.			
Submission Information You only submit ONE document including the digital whiteboard URL (see Section 1, below) via the Turnitin submission inbox. Each team member should submit the same document , named with your team number, e.g., 'team-4.pdf'. Ensure the digital whiteboard contains clear information on what was achieved, along with credits to any original work used . This submission is important evidence of your work and is required to demonstrate for the presentation. Files submitted in an incorrect format will usually be marked as zero. Any late work penalties for assignments will be calculated using the latest submission date/time.			
Extensions Due to the nature of, and/or the timing of the deadline of this assignment, it is not possible to be granted an extension . If you know in advance of the deadline that you will not be able to submit work, you should apply for a deferral to the next assessment period. This can be done using the system at the Registry services pages on Portal. Late work is penalised at the rate of 5% per day or part thereof.			
Academic Integrity The material you and your team submit must be your own original work. The penalties for breaching the academic integrity policy are severe. The minimum penalty is usually zero for that piece of work. Further information is available at Portal > Support Departments > Academic Quality and Standards > Academic Standards > Information for Students > Academic Integrity			
Generative AI – permitted for this assessment: The use of generative AI tools where not permitted will be treated as a breach of the academic integrity policy. This assignment allows the use of generative AI tools. These tools can only be used as learning aids (e.g., inspiration around solutions, supporting 'dummy' persona generation or generating placeholder content for a 'prototype' system) all other uses are not permitted. The permitted tools are ChatGPT . Other tools may only be used with the express written permission of the tutor. When using generative AI tools, you must include an entry in your reference list and an in-text/code citation. You must also include the prompt (if it is short) as part of the in-text/code citation. For longer prompts/conversations, please include these in a clearly signposted appendix. For further instructions on the use of generative AI tools, please refer to the assignment brief. Below is an example reference entry: OpenAI. (2023). <i>ChatGPT</i> (Mar 14 version) [Large language model]. https://chat.openai.com/chat			

Assignment Brief

Mini design sprint and group presentation (worth 75% of the module)

You will undertake a mini design sprint in a small team, to solve a design problem. Apply a 'design thinking' mindset to your approach.

The problem, system specification and project constraints will be assigned to your team by your tutor. The teams will be formed at the start of the module.

1. Mini design sprint with digital whiteboard of evidence

(75 marks)

In your team you should ensure you undertake a **mini design sprint** across four designated workshop sessions incorporating some activities from the original process by Knapp et al (2016). These activities are split into four stages according to the following timetable:

- i. **Stage 1 (Week 5) - *Define*** (understand the challenge)
- ii. **Stage 2 (Week 6) - *Design*** (ideate solutions)
- iii. **Stage 3 (Week 8) - *Iterate*** (refine solutions)
- iv. **Stage 4 (Week 9) - *Test*** (evaluate and debrief)

The above 4-stage process should be documented and compiled on a **digital whiteboard** (using **FigJam**) in a neat and organised manner. The digital whiteboard should include a summarised account of the mini design sprint activities (including clear headings and activity artefacts) and be available to view via a shared URL (*i.e.*, '*Anyone with the link can view*'). For safety, check your link in an incognito browser window.

2. Remote presentation evaluation

(25 marks)

In your team, you will present a **30-minute reflective evaluation** of the mini design sprint as a remote presentation to a small audience live via MS Teams. You will use the digital whiteboard only (plus any artefacts derived from the project) to accompany the presentation; no additional slides are permitted. It is expected that every team member contributes equally.

The presentation should include the following information:

- i. **A short introduction to the team.**
 - ii. **An overview of the design challenge.**
 - iii. **The key findings from Stage 0—4 including your design thinking approach, solutions, findings, any challenges faced and *hypothetical* next steps.**
 - iv. **A short individual reflection of each team member's contribution to this project.**
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The traffic-light-system technique

This module/assignment uses the traffic-light-system technique for group work. This technique allows members of a group to issue an initial concern (amber-signal) to a non-performing group member and a final concern (red-signal) when the member fails to improve. If the erring member fails to improve, after an intervention by the tutor and without a proof of mitigating circumstance, and a red-signal is issued, the student automatically loses 50% of the group's grade. A group member who fails to attend the group presentation, where required, without an approved mitigating circumstance will lose the entire presentation mark.

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- If the group determines that a member is not contributing/engaging as expected, any member of the group can email the student in question (or notify them via the group's MS Teams sub-group, if used for the group work), copying other members and the tutor, to raise an initial concern.
 - The tutor will follow this up with the student in question with the intention to get them back on track.
 - If this does not improve the situation, any member of the group can then trigger the red-signal.
 - If a red-signal is triggered, the tutor will investigate and penalise the offending student if non-performance is confirmed. Note that the penalty is determined by the tutor.
 - The deadline for raising any complaint is 7 calendar days before assignment deadline. Also, there must be a minimum of 5 calendar days between the issuance of an amber-signal and a red-signal, unless there is an issue of serious concern.
 - Note that in addition to the use of the traffic light system, the tutor may still use viva voce as explained in the Academic Integrity Policy.
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Students are expected, where necessary, to arrange meetings with team colleagues and be active members as required by group-work activities. If a group member becomes unwell or there is a mitigating circumstance, other group members and the tutor must be informed as soon as possible.

Note: This tool is intended to help students manage their group work by themselves. It should not be seen as anything more than an effective way to produce group work. We actively encourage students to use this tool as it will help everyone to take responsibility for their own workloads and be mindful of their individual effect on the group and grades to be awarded as a whole.

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Assessment Criteria

1. To obtain a **Pass**, each of the criteria above should be addressed, including:
 - i Evidence of research, planning and practical work;
 - ii Coverage of most of the points in the description of requirements;
 - iii Good quality design work; meeting the basic requirements;
 - iv Good quality evaluation; meeting the basic requirements;
 - v Good quality presentation delivery;
 - vi Some evidence of organisation of project artefacts;
 - vii Some evidence of originality or creativity in approach;
- i To obtain a **Merit**, each of the criteria above should be addressed, including:
 - ii Evidence of extensive research, good planning and high-quality practical work;
 - iii High achievement in covering all or most of the points in the description of requirements;
 - iv Near-professional quality design work with clear rationale presented;
 - v Near-professional quality evaluation;
 - vi Near-professional quality presentation delivery;
 - vii A well-organised project;
 - viii An original and/or creative approach to the project.
- i To obtain a **Distinction**, each of the criteria above should be addressed, including:
 - ii Evidence of professional-level research, thorough planning and industry-grade practical work;
 - iii Outstanding achievement in covering all of the points in the description of requirements;
 - iv A professional standard of design work with clear rationale behind key design decisions;
 - v A professional quality evaluation demonstrating individual and collaborative excellence;
 - vi A professional quality of presentation delivery;
 - vii A professionally organised project;
 - viii A highly original and creative approach to the project.