



CO1111 The Computing Challenge

Individual Portfolio



DATE:

STUDENT NUMBER:

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1 Introduction

About 150 words. In the introduction you should explain a bit of background about The Computing Challenge and what you did.

2 Week One Lab Sheet Documentation

Document one of your individual lab sheets from week 1. This will be either Lab sheet 1 or Lab sheet 2. Briefly explain what you did, how the code works, and include screenshots of the screen/s and the block code.

3 Agile Methodology

3.1 Week One Stand-Up Meeting

Document one of your teams' stand-up meetings, this can be the one conducted within the lab class on the first Tuesday, or you can choose another stand-up meeting your team held. You should comment on your own role and participation in the meeting, how did the meeting go, what was decided, how well prepared you were for the meeting, and what should be improved for the next meeting? For a higher mark you should include reference to external source(s) referencing the stand-up meeting as an agile technique and why it is useful when working in teams

3.2 Agile Techniques

Discuss the Agile software development approach. This should be a general discussion, but you must include a short description of at least one Agile framework for which you will have to do some original research. Your discussion should include references to external sources. You should also include a link to your Kanban board.

4 Design

4.1 App UI Design and UX

Discuss the design of, and evaluate the success of your apps design and UX. Why did the team design it this way, what informed the design, how was it evaluated, how successful was it in the end. You should include pictures and wireframe diagrams where it helps to illustrate your points. You must refer to design and or UX theories and for a higher mark reference external source(s) to back up your points.

4.2 System Design

Discuss the system design and architecture of your app. Why you made certain decisions. You must include a State Transition Diagram.

5 App Implementation

Document the implementation of your teams app. You cannot describe every little thing in minute detail so focus upon the key challenges, and how they were achieved. You should focus on 2-3 key features. You must include samples of the block code and explain how it works; this must include referring to communicating with the server. Marks will reflect your understanding of the app and clarity of explanation.

6 Marketing Strategy

Present your teams marketing strategy. This should include your branding and logo. What is your identity? How do you want to present yourself to the world? You should also include a link to your viral video.

7 Testing

Present your teams testing strategy and the results. You must include an explanation of how the testing was designed and justify any features that were not or could not be tested and discuss how problems identified during testing were fixed. Comment on whether you think the app was tested sufficiently and if not, the overall robustness of the final app, what you would have done with hindsight.

8 Symposium and Peer Marking

In this section you should discuss the symposium. You should write about your stall, and how you presented yourselves. What would you do differently next time? You should also include some discussion based around your peer marking. What was your favourite stall from one of the other teams? Which was your favourite app? What aspects did you like about the stall/app? Illustrate your writing with photos from the day.

9 Teamwork Reflection

Reflect on your time working within your team. What were the challenges, what were the good aspects, what were the bad aspects, how did you (try to) overcome problems? You should include comments on your individual contributions to the team, as well as the overall success or failure of the team in working together toward a common goal. For a higher mark you will refer to external sources on teamworking, and also how what you have read, along with your experiences, might inform your approach taken next time you are faced with working as a member of a group.

10 References

Please list all the sources which you have cited in the report here. All sources should be listed in alphabetical order of the first author's surname. Please use Harvard referencing style.

See guide here: <https://www.open.ac.uk/library/referencing-and-plagiarism/quick-guide-to-harvard-referencing-cite-them-right>