Assignment 2

OUA Building IT Systems (CPT111)

SP2, 2018

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Overview

1. This assignment is worth 60 marks, which contributes **15%** to each member of your team's **overall** grade.
2. The breakdown of marks is:
    a. Part 1: Design = 30 marks
    b. Part 2: Plan = 20 marks
    c. Professionalism = 10 marks
3. Please use the **template** provided as minimum requirements for this assignment on Canvas, Assignment 2 section.
4. All diagrams should be included in the report.
5. The list of approved software[1] to assist you create your designs are:
    a. **LucidChart**
    b. **InVision**
    c. **Balsamiq**
    d. **Dia**
    e. **Sketch**
    f. **Adobe Creative Cloud**
6. Please read each par**t** of this assignment outline to gain a clear understanding of the requirements for your group.

Part 1. Design {30 marks}

In Assignment 1, you described the project proposal. You got feedback about your assignment and should know the direction to take in order to reach your potential. You should have a clear idea of your project. You now need to describe it more fully.

Produce design artefacts to convey your idea. Where possible, include the designs, in-line with this section of your submission.

For those building, for example, web or mobile applications, or similar screen-based projects, this will likely mean that you produce "Mock-up Prototypes". You are expected to investigate what "design artefacts[2]" means in the context of your specific project.

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[1] Discuss with your mentor
[2] For example: for a hardware-based project, include schematics, blueprints, and other suitable artefacts, as relevant. Also discuss with your mentor.

Up to 6 marks for each MVF (max 30 marks) feature demonstrated.

- 4-6 marks for each MVF: Unambiguously demonstrates the expected outcomes of the specified Minimum Viable feature in a professional manner.
- 1-3 mark for each MVF: Poorly shows the intended context of the product's feature specified in the MVF.
- 0 mark: The mockup/design artefact was either didn't cover the MVF feature, or was not relevant to the project.

Part 2. Plan {20 marks}

1. Each team member to estimate[3] the total hours (=learning+research+design+ coding+testing) for all agreed project features (please refer to the MVFs and EVFs outlined in your Assignment 1 project proposal) and justify. {10 marks}
2. During your weekly mentoring sessions, you are strongly encouraged to get feedback, while individually completing this estimation task. Mentors will disclose own estimation when all team members upload estimated total hours for all project features on their Team Trello board.
3. List all the technologies your group are using, viz: {10 marks}
    a. Collaborative workspaces
    b. Software
    c. Tools
    d. Resources

Up to 10 marks based on the accuracy of estimation and quality of the planning.

- 6-10 marks: Realistic estimation and demonstrated quality of the planning including all MVF features.
- 1-5 marks: Unrealistic estimation and poor quality of the planning.
- 0 mark: Estimation was either didn't cover MVF feature, or was not relevant to the project.

Up to 10 marks based on technologies used by your group. To gain full marks, it is crucial at minimum, that your list provides sufficient information.

- 6-10 marks: All technologies listed and discussed for effective project delivery.
- 1-5 marks: Missed some key technologies required for effective project delivery.
- 0 mark: No evidence found.

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[3] An estimation template has been provided in Canvas.

Part 3 - Professionalism {10 marks}

Please follow these guidelines for this assignment:

1. The font should be 12pt, black Arial.
2. All figures should be clearly labelled.
3. A Table of contents should be used with the correct page numbers to each section.
4. Where possible, please use bullet points so that your assignment is easier read by the assessor.

Up to 10 marks for general professionalism in your work. From duty of care in your formatting, to layout, and adherence to specifications.

- 6-10 marks: Professionally written document that is properly formatted, readable, and well written with no typos and included appendix and references. A complete, unambiguous and accurate coverage of the required content in this section as described in the Assignment specifications.
- 1-5 marks: Limited evidence of professionalism.
- 0 mark: No evidence of professionalism.

Part 4 - Submission

1. The final submission must be in Adobe PDF format.
2. The due date for this assignment is **Sunday 22/07/18** at **11:59PM (AEST)** you must submit both on Canvas, Assignment 2 Submission section and on the corresponding Assignment 2 Trello card (for peer review and backup).
3. For *each day* submission of Assignment 2 is **late**, a total of **10%** will be **deducted** from your **overall grade** for this assignment. If your team fails to submit within 10 days of the **due date,** your group will not receive any marks.

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