

COSC2635 Building IT Systems

Assessment 2: Interim Project Report



Assessment Type: Report

Word limit: N/A (see instructions)



Due date: Sunday of Week 8 11:59PM (AEST)

Length: N/A (see instructions)



15% of group's overall grade

Overview

The project for this course is to work as a group to build a functional prototype of an IT system, this assessment is Part 2 of the Project. Please read the explanation of how the course works and examine the calendar in Week 1 to understand when each of the parts of this project are due.

This assessment is worth 60 marks, which contributes **15%** to each member of your team's **overall** grade. The breakdown of marks is:

- Design = 30 marks
- Plan = 20 marks
- Formatting = 10 marks

Please use the template provided as minimum requirements for this assignment on Canvas. All diagrams should be included in the report. The list of approved software¹ to assist you create your designs are:

- LucidChart
- InVision
- Balsamiq
- Dia
- Sketch
- Adobe Creative Cloud

¹ Discuss with your lecturer at abm.russel@rmit.edu.au

Read **each section** of this assignment outline below to gain a clear understanding of what is required from your group.

Assessment Criteria

This assessment will measure your ability to:

- Produce an interim project report for a functional IT system
- Use design artefacts to convey a MVP idea

Please see the rubric for the grading criteria for this assessment.

Learning Outcomes

This assessment is relevant to the following Learning Outcomes:

CLO 1: Locate and assess tools and resources for IT systems, apply knowledge to a wide variety of experiences in programming or scripting, networks and databases to design and develop IT systems

CLO 2: Identify, decompose and solve problems related to the creation of IT system prototypes

CLO 3: Effectively communicate project outcomes in a written report

CLO 4: Work independently and collaboratively to develop small IT systems

CLO 5: Evaluate and provide feedback on the work of your peers

Assessment details

In Assessment 1 you created a Project Proposal. You received feedback about your project idea and should know the direction to take in order to be successful. You should have a clear idea of what your MVP is now, so your task in this assessment is to describe this and create design artefacts that convey the idea. You will include these design artefacts in the relevant sections of this assessment. You will then individually estimate the time it will take to complete the project.

Formatting (10 points total)

Please follow guidelines for formatting:

- Font used must be Arial, in black, size 12pt
- All figures must be clearly labeled
- A table of contents should be used with correct page numbers for each section
- Where possible, please use **bullet points so that** your group assignment is easily read by the assessor

Section 1: Design (30 points total)

In the project proposal you listed at least 5 features for the MVP prototype your group is creating. In this section of the assessment you must unambiguously demonstrate the expected outcomes of each of the MVP features using design artefacts.

You will investigate what “design artefacts” means in the context of your specific project. For example, those groups building web or mobile applications (or similar screen-based projects) will likely produce “Mock-up Prototypes”.

Through reading the content in the module pages and conferring with your mentor during the weekly sessions you will determine the best design artefacts for your project. Please refer to the grading rubric for more information about how your designs will be judged.

Section 2: Plan (20 points total)

Each team member will estimate the total work effort in hours (work effort in hours = learning + research + design + coding + testing) for all agreed project features. Each team member will then provide a justification of their estimate. Refer to the Minimum Viable Features (MVs) and Extended Viable Features (EVs) outlined in your Assessment 1 Project Proposal. During your weekly mentoring sessions, you are strongly encouraged to get feedback for 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. (10 marks)

List all the technologies your group are using including: Collaborative workspaces, Software, Tools, and Resources. All technologies must be listed and discussed for effective project delivery. (10 marks)

Please see the rubric for more information about grading for this assessment.

Submission Information

The final submission must be in Adobe PDF format. **Only one member should submit in Canvas.** Please ensure you have a time stamped backup on your GitHub or Drive or similar.

The due date for this assignment is **Sunday of Week 8** you must submit both on Canvas, Assignment Part 2 Submission section and on the corresponding Assignment Part 2 Trello card (for peer review and backup).

For each day submission of Assignment Part 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.

Referencing guidelines

Use RMIT Harvard/APA 6th ed./ AGLC3/

You must acknowledge all the sources of information you have used in your assessments.

Refer to the RMIT [Easy Cite referencing tool](#) to see examples and tips on how to reference in the appropriated style. You can also refer to the [library referencing page](#) for more tools such as EndNote, referencing tutorials and referencing guides for printing.

Academic integrity and plagiarism

Academic integrity is about honest presentation of your academic work. It means acknowledging the work of others while developing your own insights, knowledge and ideas.

You should take extreme care that you have:

- Acknowledged words, data, diagrams, models, frameworks and/or ideas of others you have quoted (i.e. directly copied), summarised, paraphrased, discussed or mentioned in your assessment through the appropriate referencing methods,
- Provided a reference list of the publication details so your reader can locate the source if necessary. This includes material taken from Internet sites.

If you do not acknowledge the sources of your material, you may be accused of plagiarism because you have passed off the work and ideas of another person without appropriate referencing, as if they were your own.

RMIT University treats plagiarism as a very serious offence constituting misconduct.

Plagiarism covers a variety of inappropriate behaviours, including:

- Failure to properly document a source
- Copyright material from the internet or databases
- Collusion between students

For further information on our policies and procedures, please refer to the [University website](#).

Assessment declaration

When you submit work electronically, you agree to the [assessment declaration](#).

Working as a group

Many courses require you to work in a group to complete various assessments. It is the collective responsibility of all group members to actively contribute and complete any project. If any individual is unavailable during this time, the group will need to adjust responsibilities to allow for the work to be completed. It is recommended that students elect a group leader to take responsibility for this.

Working in a group requires consistent interaction and communication. This should be done within Canvas, Google Hangouts, email etc.

Should any individual be unavailable for an extended period of time, it is the responsibility of the group members, or group leader, to advise their tutor to discuss the situation. This should be raised as early as possible if students wish to apply for an extension or special consideration.

Only one copy of a group assessment needs to be submitted, however all group names must be added to the report submission.

For further information about understanding group work, visit [RMIT Learning Lab](#).