

# CP3407 ASSESSMENT 2: Project Plan

This assessment task has been prepared by Dr Dasheng Liu for James Cook University. Updated 21 May 2024.

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Weighting / Length	20%
Due date	16 June 2024

## ASSESSMENT TASK DESCRIPTION

This task defines the initial project specifications including goals, deliverables, and planning for the project. The following is the list of items, which are required to be completed in this assignment.

[\_\_\_\_/Prerequisite for marking] Assignment is submitted to LearnJCU.

[\_\_\_\_/marks] Project management.

- GITHUB link: ...
- Assignment is done by maximum 3 students.
- Student Name-1, Project role(s), specific individual contributions to this assessment item:
- Student Name-2: ...

[\_\_\_\_/marks] Project description for non-ICT-technical stakeholders and general audience. Write here: minimum **TWO** pages, maximum **TEN** pages.

- Justification for the project: Why a new ICT solution is required. Include some market and ICT technology research, plus available ICT solutions.
- Project goals: Describe exactly what and how your proposed ICT solution will be delivered to the lecturer for marking.

[\_\_\_\_/marks] Project Planning and scope. Write here: Minimum **ONE** page, maximum **TEN** pages.

**Available days:** PASS-level (minimum) effort is 1-day and maximum is 3-days per teaching week (assume 10 weeks per study period), per team member. For example:  $10 \times 2 = 20$  days is the minimum for a team with 2 students,  $10 \times 2 \times 3 = 60$  days is the maximum. The available days must match the SUM of your user story estimates below.

User story 1: title; (optional: short description only if title needs explanation); effort estimate (in days, maximum of 5 days).

User story 2: ...

[\_\_\_\_/marks] Project Design. Architectural (UML diagrams), Database, Interface designs. Minimum **THREE** pages, maximum **TEN** pages.

- Architectural design. Must use some UML diagram tool, e.g. <https://www.gliffy.com/uses/uml-software/>
- Database designs. Must use some tool, e.g. <https://www.genmymodel.com/database-diagram-online>
- Interface design. Must use some prototyping tool, e.g. <https://ninjamock.com/>

[\_\_\_\_/marks] Project development and release ICT infrastructure. This must include development environment, programming languages, source code repositories (Configuration Management), project collaboration tools, and development tools. Write here: minimum **ONE** page, maximum **FIVE** pages.

- **Configuration Management**/version control, e.g. github (private repos only)
- **Prototypes are demonstrated to justify the proposed project plan**

## ASSESSMENT 2: CRITERIA SHEET

Criteria	HD (9-10)	Distinction (7-8)	Credit (5-6)	Pass (3-4)	Fail (0-2)
1:Requirements	All requirements (user stories) are correct and correctly estimated with justified priorities. Exemplary set of features are correctly planned for implementation in justified order and within given budget. Your IT solution is planning to deliver “what is needed, on time and on budget”	Few minor errors	Many minor errors	Few major errors	Many major errors
2:Version control	Exemplary use of GitHub/git or equivalent.				
3:Agile software engineering	Exemplary application of the agile iterative development as per textbook.				
4:Project technical writing	Exemplary technical writing in your project GitHub pages.				