

CP3407 Project assignment marking rubric.

This rubric was prepared by Dr. Dmitry Konovalov for James Cook University. Updated 24 January 2025.

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:Design	Architectural, database, user interface designs are exemplary and justified. Help: textbook chapter 5. Add a page to your GitHub to explain design of all major components				
3:Implementation/Code	Your IT solution delivered “what is needed, on time and on budget” for each iteration. Demonstration of and client feedback on your deployed solution after each iteration. Exemplary UI, database and deployment choices. Add a page to your GitHub to illustrate/promote your delivered solution.				
4:Test	Exemplary testing of all components. Test-driven development. Acceptance testing of all delivered features. Appropriate testing data sets. Delivered implementation matches the planning. Help: chapters 7, 8 and 9. Add a page to your GitHub to explain your testing.				
5:Version control	Exemplary use of GitHub/git or equivalent.				
6:Building and development tools	Exemplary use of software development tools, building tools and external libraries. Add a page to your GitHub to explain what and how you used..				
7:Agile software engineering	Exemplary application of the agile iterative development as per textbook.				
8:Project technical writing	Exemplary technical writing in your project GitHub pages.				

Design:

- Add a page to your GitHub to explain design of all major components.
- Architectural design. Must use online UML diagram tool, e.g. <https://www.gliffy.com/uses/uml-software/>
- Database designs. Must use online tool, e.g. <https://www.genmymodel.com/database-diagram-online>
- Interface design. Must use prototyping tool, e.g. <https://ninjamock.com/>