Faculty of Information Technology

FIT3161 Computer Science Project Part 1
FIT3163 Data Science Project Part 1

Assessment details.

Project Management Part 1 - Case Study (Group submission)
5%, Due Friday Week 4, 11:55 pm

Learning Objectives
The aim of this assignment is to provide students with an opportunity to develop and demonstrate their analytical and project management skills through a series of case studies for an information technology (IT) project.

1. Develop skills in evaluating competing projects.

2. Develop skills in the ten areas of the Project Management Body of Knowledge (PMBOK).

Assignment Specification

1. Evaluate <u>at least four</u> of the projects available for selection to students in the unit (as announced), by preparing a weighted scoring model.

   Include in the projects you select for consideration the projects that your team is undertaking.
   (You can use the Weighted scoring model template provided under additional files on Moodle.)

   a) Develop at least four criteria, assign weights to each criterion, assign scores, and then calculate the weighted scores.

   b) Show your evaluation in a graph and include a short memo to your project sponsor/tutor/lecturer, providing justifications for your choice of those criteria and the weights and scores you assigned.

   c) In your write-up, provide a justification as to why your particular project is your recommendation.

2. Prepare a business case for *your* project only. (You may use the template provided on Moodle.
   (You can use the Business case template provided under additional files on Moodle. You can also refer to the JWD Business case listed under the additional files *as an **example** only*).

   Your business case should include:

   a) Introduction / Background
   b) Business Objective
   c) Current Situation and Problem/Opportunity Statement
   d) Critical Assumptions and Constraints
   e) Analysis of Option and Recommendation
   f) Preliminary Project Requirements
   g) Schedule Estimate

You can invent your own criteria, values for weights and scores for the Weighted Scoring Model, provided that they are realistic, reasonable and are justified. You may wish to show a draft of your work to your tutor for informal feedback before submission.

<u>Team Members' Contribution Declaration</u>
Team members' contributions must be declared in the Team Members Contribution declaration spreadsheet.

IMPORTANT: Failure to include a final Team Members Contribution declaration will incur an automatic 10% penalty on the final marks for the assessment.

Submit the declaration spreadsheet on Moodle on the 'FINAL- Team contribution (Project Management Part 1 – Case Study)' link by the same deadline as the main task.

Late Submission:

1. Submission must be made by the due date. For each day, or part thereof, an assessment task is overdue, a late penalty of 10% of the available total marks applies up to a maximum of seven days. Assessment tasks submitted more than seven days after the due date will receive a mark of zero for that task and may not receive feedback.

2. If you believe that your assignment will be delayed because of circumstances beyond your control such as illness, you should apply for an extension prior to the due date. Extensions and other individual alterations to the assessment regime will only be considered using the University Special Consideration Policy. Students should carefully read the [Special Consideration website](#), and follow the Special Consideration application procedure.

Continued. The marking rubric is on the next page…

Marking Rubric

Case 1.1: Marks Worth 40%

	4 points	3 points	2 points	1 point	0 points
Case 1.1: **1. A clear, well justified weighted scoring model to evaluate the four projects which includes: at least four criteria, weights for each criterion and the weighted scores.** **2. A presentable spreadsheet and bar chart to present the results.** **3. A clear and succinct one-page write-up describing this weighted scoring model and the results.**	Excellent presentation of a weighted scoring model in the form of a presentable spreadsheet and bar chart identifying at least 4 criteria and presenting the results clearly. A clear and succinct one-page write-up justifying the scores and weights of the criteria used.	Good presentation of a weighted scoring model in the form of a presentable spreadsheet and bar chart identifying at least 4 criteria and presenting the results clearly. A one-page write-up somewhat justifying the scores and weights of the criteria used.	A weighted scoring model in the form of a spreadsheet and bar chart that requires some improvement. An unclear write up that doesn't fully justify the scores and weights of the criteria used.	An unclear or poorly presented weighted scoring model and missing criteria. A very poor or unclear write-up.	No submission or minimal submission failing to address the assignment specification..

Case 1.2: Marks Worth 60%

	6 points	5 points	4 points	3 points	2 points	1 point	0 points
Case 1.2: A clear and succinct business case for your project covering the following: **1. Introduction/ Background** **2. Business Objective** **3.Current Situation and Problem / Opportunity Statement** **4. Critical Assumptions and Constraints** **5. Analysis of Option and Recommendation** **6. Preliminary Project Requirements** **7. Schedule Estimate**	A clear and succinct business case for the chosen project, that presents clearly all the key points of the report and in which a high level of thought has been demonstrated across every element of the business case. A well-presented document with smooth flow between sections.	A clear business case for the chosen project, presenting clearly all the key points of the report with almost all points covered to a high level. A well-presented document with smooth flow between sections.	A clear business case for the chosen project, presenting all the key points of the report to a good standard, but with some sections needing improvement. A reasonably well-presented document but lacking in attention to small details.	A business case for the chosen project, presenting most of the key points of the report. Some sections may not have been addressed adequately. The document may present unprofessionally in some regards.	A business case for the chosen project, that is missing key points of the report and many sections have been inadequately addressed. The document may present unprofessionally in many regards.	The business case for the chosen project is unclear and most parts are inadequately addressed and/or very poorly presented.	No submission, or a submission was made that does not address the assignment specification.

Use of Generative AI tools in Projects and Assignments
Policy for FIT316x Units (based on Monash University policy)

Use of Generative AI Tools is acceptable (unless explicitly forbidden in a particular assignment specification)

●The use of generative AI tools is allowed and is not penalized in marking.

●Students must **acknowledge** when generative AI is used

●Students must clearly indicate which part(s) of the assessment submission contain material where generative AI has been used.

●Students must indicate **how** generative AI was used e.g., what AI tool was used and what questions were asked.

●Students must show **critical thinking** when using generative AI responses. Any errors made by the AI will be assessed as if they were made by the students - i.e. "The AI made a mistake" is not a reason for submission of erroneous work. You will lose marks for this!

To correctly acknowledge the use of Generative AI, please see:

https://www.monash.edu/learning-teaching/TeachHQ/Teaching-practices/artificial-intelligence/policy-and-practice-guidance-around-acceptable-and-responsible-use-of-ai-technologies