

Due at the end of Week 2: Monday, September 26, 6pm. The whole group submits a single pdf on Moodle.

This deliverable is graded out of 10 and contributes 10% to the course grade. Questions 1–3 are worth 8 marks which are attributed for the group: every member will receive the same group mark. Question 4 is worth 2 mark and is attributed individually: every member will receive their own mark.

In this deliverable, all answers are expected to be written in standard English (as opposed to pseudo-code, some programming language, some math formula, etc.). Spelling and grammar mistakes are not penalized as long as the marker can understand what you mean. For each question, I indicate an estimated length of a typical answer. This is not a strict requirement but a recommended guideline.

Question 1 *Overview*

1.1 Propose an internal title for your project. This is not about marketing, advertising, or attracting users. Rather, I want a descriptive title that summarizes what your project is about. It can help you scope the project, and also it can help course staff remember or figure out in 5 seconds what the project is about throughout the term.

Typically 5 to 10 words are appropriate.

1.2 What is the context and what problem is the project aiming to solve?

Provide a description in a paragraph of about 4 to 8 lines.

1.3 Describe 2 other projects envisioned and one reason for not choosing to pursue them.

In each case, aim for about 2 sentences of description and one sentence for the argument why not do it. So the total answer should be about 4–10 lines.

1.4 Has a variant of this project ever been done before?

Beyond yes/no, provide a brief justification for your opinion. Total 1 to 3 lines.

[2 marks]

- Give 2 marks if the project seems to make sense overall and the group's answers show careful consideration
- Give 1 mark if the descriptions show sincere effort from the group, but the project is unrealistic or not suited for a KRR approach.
- Give 0 marks if this is empty or it makes very little sense.

Question 2 *Prototyping phase*

The objective of this section is to ensure that the project you are proposing has enough substance that it could serve as for Project B.

2.1 What constitutes an input instance to your problem?

Total 1 to 4 lines.

2.2 How will you get sample data to help test your implementation?

Total 1 to 3 lines.

2.3 What constitutes a candidate solution to your problem?

Total 1 to 3 lines.

2.4 Presumably, a solution to your problem needs to satisfy several properties or constraints. State two sample constraints that any solution should satisfy.

One sentence for each example constraint stated (2–4 lines total).

[4 marks]

- Each subquestion is worth 1 mark.

Question 3 *Production phase*

3.1 Who are the target users of the system?

1 sentence.

3.2 Where will the actual data used for the production system come from?

1 to 3 sentences.

[2 marks]

- Each subquestion is worth 1 marks.

Question 4 *Self Evaluation*

List the contribution(s) of every group member to Project A and self-evaluate every member for up to 2 mark. Example contributions can include but are not limited to brainstorming, determining the problem, its scope, writing up this document and/or other notes.

Answer by filling in the following table. Replace the dummy data with your actual contribution and self-attributed mark (0, 1, or 2).

Name	zID	Contributions	Self-attributed mark
Amina	z3323232	Actually doing stuff	2
Bob	z3323233	Banter and moral support	1
Carla	z3323234	Correcting typos	1
Dzjengis	z3323235	Did not show up, ever	0

You are free to set your self-attributed mark however you want, but some might find the following sample quotes helpful.

- “Honestly, I really didn’t do much, but I’ll do better next time (or not).” (0 marks)
- “Sorry, life got in the way and I got too busy with other stuff. I’ve helped a bit and made some difference, but it’s not quite there yet.” (1 mark)
- “I’m satisfied with my contribution. My work might not be perfect or comprehensive, but I did as well as can reasonably be expected from a UNSW student.” (2 marks)

[2 marks]

- No decision is taken by the marker: Each individual gets their own self-attributed mark.