

COMP3821/9801: Extended Algorithm Design and Analysis

Project Progression Check Specification and Marking Rubric

Due Date: 02/11/2025

This document outlines the specification of the progression check component of your project, and provides a marking rubric that your mentors will use for grading.

Progression Check Specification

Your progression check should contain the following sections:

1. A cover page with your topic title, and the names and zIDs each of your group members. This does not count towards the recommended length of 2–3 pages.
2. An introduction briefly reminding your mentor of your chosen topic and describing the nature of your project (theoretical, scholarly, experimental, educational, creative, or other). This should be at most a few sentences.
3. A section detailing all progress you have made so far. This should contain a *detailed* explanation of everything you have completed (and started on) since your project proposal was submitted. The nature of this work may vary depending on your project, but this could include work such as:
 - Partially (or fully) implemented algorithms
 - Experimental results
 - Preliminary testing of your own implementations
 - Further in-depth reading of any sources of particular interest
 - Theoretical work on your problem or specific cases

You should also discuss any hurdles or issues you have encountered so far, and how you have dealt with them (or intend to deal with them).

4. An assessment of your progress against the plan presented in your proposal, and a revised plan outlining what you aim to produce by the end of the project, and the work you need to complete along the way to get there.
 - We expect most groups will have made revisions to their original project plan, in response to further investigation into your topic or specific issues encountered in your progress. These changes should be briefly explained.

Please note that there is no requirement to achieve exactly what you identified as possible outcomes in the proposal. We hope to see a more focused range of outcomes at this stage, as we are approaching the end of term.

Marking Rubric

Progress [10 Marks]

Grade	Level of Achievement
0–2	Achievement is not satisfactory with respect to the plan presented in the proposal. Little work has been done to address any complexities or challenges encountered. No discussion of the work completed. Overall quality of the work demonstrates little effort has been made.
3–5	Minimal achievement with respect to the plan. Little work has been done to address any complexities or challenges encountered. Some superficial discussion of the work completed. Overall quality of the work is poor.
6–8	Satisfactory achievement against the plan. If complexities have been encountered, a plan for equivalent work has been developed and a good start has been made. Adequate discussion of the work completed. Overall quality of the work is acceptable.
9–10	Highly satisfactory achievement against the plan. If complexities or challenges have been encountered, a plan for equivalent work has been developed with satisfactory progress made. Detailed discussions on the work completed. The project is well on the way to satisfactory completion.

Revised Plan [3 Marks]

Grade	Level of Achievement
0–1	Superficial discussion of a plan. If challenges have been encountered, little consideration has been taken to address them. The plan does not convince the reader that sufficient progress will continue to be made by the end of the project.
2–3	Quality discussion of the future project plan and expected results. Challenges have been appropriately addressed where necessary. A reasonable strategy to ensure continued progress is presented and explained in detail.

Document Presentation [2 Marks]

Grade	Level of Achievement
0	Presentation is poor to the extent that it impedes reading of the document. Examples include many incomplete citations, unintelligible grammar, figures or tables not labelled or badly inconsistent document formatting.
1	Appropriate use of section and sub-section heading structures. Figures and diagrams are labelled, formatting is consistent, references in text match reference list (and vice versa), pictures are clear and attributed, sections clearly labelled. There may be superfluous material present, such as unnecessary, repetitive or unusually large figures, unnecessarily lengthy text, unusually wide margins, unnecessary appendices, etc.
2	Everything from above, and appropriate judgement in the placement data, tables or figures in the body of the work or the appendices. Figures and diagrams are correctly and clearly labelled, text spacing aids readability, consistent formatting. Text is clear and concise.