

# Project Specification for SI114H

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## General requirements:

- 1) Deadline: **11pm, 15 June 2025**.
  - 2) Put the results of your program into **PDF** and submit your **PDF** report to [Blackboard](#).
  - 3) You need to compress three files **code**, **readme**, and **PDF** into one file, name this file as [student A+student B+student C](#), and upload it to the [Blackboard](#).
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## 1. Specifications

Some specifications for the project:

- 1) The final report must be submitted in **PDF** format. It is recommended that the length of each report should be 5 to 10 pages with the [given LATEX](#) template.
  - 2) Each project should be conducted by a group with at most **three** students.
  - 3) The amount of contribution/work of each students involved should be clearly stated. For example,  
 student A: code of Section 2, 50% report writing;  
 student B: code of Section 3, 20% report writing  
 student B: code of Section 3, 30% report writing.
  - 4) The project should start with a description of the problem, and should try to propose methods that improves the existing approaches based on the contents learnt from this course.
  - 5) **No plagiarism or self-plagiarism**. You are never allowed to reuse your own published papers as the final project.
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## 2. Report Structure

In order to make the evaluation of the project as objective as possible, the written report should strictly adhere to the following structure with the sections:

- 1) Introduction: 10% grade;
  - 2) Literature review/ overview of existing work (with unified notation): 15% grade;
  - 3) Integration of the content of this course with the questions studied: 20% grade;
  - 4) Your own contribution (if any): 15% grade;
  - 5) Numerical results: 20% grade;
  - 6) Conclusions: 10% grade;
  - 7) References: 10% grade;
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