

Replace with Your Project Name — Proposal

Submit your completed proposal as a single PDF file in Canvas
before **11:59pm on Monday, 16 February**.

1 Team Members

Names of all members of your team:

2 Project Goals

Write a short paragraph that describes the goal of your project.

3 Project Justification

Provide a project justification that explains how your planned project is likely to satisfy the project desiderata below. Your project is not required to satisfy all of these, but should at least partially satisfy most of them, and fully satisfy at least one of them, and you should explain in your answer which ones you think it will satisfy and why.

fun - for you to do, and for others to see

useful - at least to yourself, but hopefully to many

relevant - to the class, to yourself, to humanity (or to our future AI overlords if you prefer them over humans)

technically interesting (some aspect of it could not be done as well by a non-Computer Scientist)

4 Changes since Project Idea

Explain the main changes in your project since your previous project idea form. If you've decided to go in a different direction that is fine, but explain why; if you've refined or focused your project, explain why you decided on the direction you did.

5 Related Work

Describe your understanding of what is already available connected to the goal of your project. This could be other attempts to achieve the same goal (and why you think you can do something better), or work related to similar goals. A good related work section will include references to specific relevant work. For most types of projects, this would include research papers relevant to your topic.

6 Project Plan

A project plan that explains the main tasks needed to successfully complete your project and what you will actually do.

7 Management Plan

A management plan list of your team members and their roles and responsibilities. Since your team has many people, you need to think about this carefully and consider the management structure you need for everyone to contribute and work together most effectively. Some options to consider: one team captain responsible for coordinating and everyone on the team having a clear responsibility; having sub-teams of 2–3 people, each with a well defined role; having different size sub-teams to reflect the differing scope of parts of your project; having rotating team leads. With a large team like this, project management has to be purposeful and intentional, not just hoping everything works out.

8 Questions and Requests

(Optional) If you have any specific questions for me, issues you would particularly like feedback on, requests for help or resources from me please include them here.