Final Project Proposal

ASEN 5264

March 9, 2023

Write a short (less than 1 page, outline is ok) proposal for the Final Project.

Working in a group of up to 3 is highly encouraged! You will submit a single proposal for the entire group.

The proposal should contain the following:

1. Problem Statement (e.g. rough formulation as MDP, POMDP, optimization problem, or game)

2. Description of three methods and corresponding levels of success for solving the problem:

   (a) A description of a **minimum working example** that will be the first thing you try. This might be a baseline to compare other approaches against. If you are not able to get this working, you will receive a significant grade penalty.

   (b) A description of the **main approach**. This is an approach that you are confident that you can implement and think will solve the problem well. I will expect to see this implemented successfully in your final report.

   (c) A description of a **stretch goal**. If you have enough time, this is the amazing innovative new solution you will explore.

Some ideas for final projects can be found here and in the links within: `https://github.com/zsunberg/CU-DMU-Materials/blob/master/project/project_ideas.md`.