CS533: Intelligent Agents and Decision Making
Final Project

For your final project, you are encouraged to work in teams of two, noting that such projects are expected to be larger than those tackled by individual students. In some case, teams of three might be permitted, provided that the project is substantial enough, but you need to check with me first in this case. In all cases, the work done by each team member needs to be clearly articulated in the final report.

You need to select a project involving applying and/or extending some aspect of planning or reinforcement learning to a non-trivial application/project. All projects need the instructor's approval.

By **Friday, May 12** upload a short description of your proposed project to CANVAS. Only one person from each team needs to upload the description. The objective is to provide a clear picture of the project and convince me that it is reasonable for the available time frame. The description need not be long, just provide the necessary information for me to understand what you are proposing, how it will be evaluated, and initial ideas for approaches that you will apply.

If you would like to bounce ideas off the instructor before this write-up please do this via email with a subject heading "CS533 Final Project".

On **Monday, June 12** you need to submit your final project report. There will be a submission option available through Canvas. The report should clearly define and describe the problem you are considering, should clearly define the methods you apply to solve the problem, and clearly present your results. You should also send all code and data created for the project. In the case of multi-person projects it is required that the contribution of each person be clearly specified.

On **Thursday, June 15**, during the final exam period for our class starting at 2:00pm, you will give a final project presentation to the class. It is possible that we will also have some presentations on the last day of regular classes depending on how many groups we have.

The final grade for the project will be broken down as follows: 25% Quality of Report, 25% Quality of Presentation, 50% Quality of Project.

The "quality of the project" will judged according to the difficulty, the appropriateness of selected technical approach(es), the quality of the evaluation, and the effort made to understand the results at a non-superficial level.

Timeline Summary:

- May 12: submit your project proposal

- June 12: submit your final project report

- June 15: give in class final project presentation