CMPT 729 - Project Presentation

As a component of the final project, you will be giving a presentation on your project. Each presentation should be at most 15 minutes in length, with an additional 5 minutes for questions. All members in each group must participate in the presentation. Each presentation should provide an overview of the project. The project does not need be completed at the time of the presentation. But the presentation should cover everything that has been done on the project up to that point. The presentation should include the following components:

Introduction/Background: Provide background information about the particular problem being explored in the project. What problem is the project tackling? Why is the problem important and interesting? Provide any preliminary knowledge the audience needs to understand the content of the project.

Related Work: Provide an overview of related work in this domain. What was the prior state of the art? What were the limitations of the prior work? How might RL address some of these limitations?

Method: Present the method that the project uses to tackle the problem. This can include design decisions for how to model the problem in an RL framework, the choice of algorithms, and any other components that might be important for the system. What are the key design decisions? How does the proposed method compare to prior methods for solving this problem? What are the advantages/disadvantages of the proposed method?

Evaluation: How is the proposed method being evaluated? What benchmarks are used to test the performance of the method? What are the baseline/prior methods that the proposed method will be compared to? Ablation experiments should be conducted to test the effects of key design decisions in the system. Note, not all of these experiments need to be done in time for the presentation. An outline of the experiments that will be included in the final report is sufficient.

Limitations/Follow-Up Work: What are the main limitations of this work? Are there any future directions that can help address these limitations?

Grading (10pt)

The presentation will be graded according to the following criteria:

- **Content (5pt):** clarity and depth of the presentation. Did the presentation cover the main components of the project? Did the presentation include relevant and meaningful content? Did the presentation provide enough context to situate this work with respect to prior works? Did the presentation provide a thoughtful analysis of the results of this work?

- **Organization (2pt):** structure and coherence of the presentation. Was the information logically organized and easy to follow? Did the presentation effectively balance the content and ensure key points were covered without rushing or going over time?

- **Delivery (1pt):** delivery skills and overall presentation style. Did the presenters speak clearly and audibly? Were they engaging and enthusiastic about the topic?

- **Visual aids (1pt):** quality and effectiveness of any visual aids used, such as slides. Did the visuals enhance understanding and engagement?

- **Q&A (1pt):** clear and thoughtful answers to questions.