This assignment is a 5+ page document outlining what you've accomplished in your course project. Each team submits one report, which is to be typed and *preferably* typeset in LaTeX. Overleaf.com and its documentation is a good place to start if you're unfamiliar with LaTeX. You may also use Word or some other word processor, if desired.

The end result should contain text, diagrams, equations, and pictures of results, and should follow a similar form as that seen in the papers we've read for class (you could even use the template if you like; *not required*). Unlike the project proposal, this report should include a greater amount of detail, with a particular focus on the specific implementation that you coded up.

The sections desired are noted below. Please **also submit your commented code** with this report.

Problem Statement: Please describe the specific problems or tasks that are solved by your code.

Background/Concepts: Provide the key background necessary for the average member of class to understand the problem at hand. (>1 page)

Methods/Implementation: Describe the algorithm and method employed by your code. You may cite other works, but try to highlight the parts that are central to the functioning of the code and/or the parts that you coded. Additionally, detail the specifics of your implementation like what platforms and libraries were used, what machines the experiments were run on, etc. (>1 page)

Results: Describe, and show through images or attached video, what your solution is capable of. If you have experiments that analyze the efficacy of your method in different scenarios, this is where you'd put them. (>1 page)

Reflection: Describe the obstacles/issues faced during your project, and the potential extensions for any continuation. (>1 page)

Bibliography: Please be sure to cite all relevant works and code sources.