COMP 4200/ COMP 5430: Artificial Intelligence
AI Final Project Rubric

1. **(5 points)** Abstract-- Summarizes the work you have carried out etc.

2. **(10 points)** Introduction   **(Addresses the WHAT question)**
   Introduction will talk about the problem in a more formal way and then highlight how the chosen algorithm will be used to solve the problem.

3. **(15 points)** Literature review -- discuss the literature with regard to the work you are carrying out and specifically shows what (from the literature) the problem you are trying to solve is and how others have tried solving these problems. If your problem.

   - NOTE: a problem can be new BUT there is related problems with regard to exactly what the problem objective is: e.g. Bananagram is different from Scramble yet similar etc. In most cases, you are not really solving the problem in question but trying to use an AI algorithms to address the question. So what the project is really investigating is the performance of the chosen algorithm in solving the problem.

   - NOTE: With regard to the algorithms used, you would talk about the algorithms in general and how you propose to use it in solving the problem.

4. **(20 points) Methodology: (address the HOW question)**
   - The approach used in solving the problem.
   - How the simulations were set up -- How was your program set up, where did you get the dataset (if working with a data set etc)
   - The parameters for the algorithms and how those particular parameters were chosen.
   - Any changes you needed to make to the algorithm and or problem
   - What was the hypothesis presented?

5. **(10 points)** Results
   The results from the simulations etc..
   Results show be clear and well presented. Details of these results should be given

6. (**15 points**) Discussions. **(Addresses the WHY question -- why did it work or not work?)**
   - This will discuss what the results are and how those results fits with the hypothesis?
   - Why are the results the way they are?

7. **(10 points)** Conclusion
   Summarizes the work you carried out
   Based on the summary, motivates the future work to be carried out.

8. **(5 points)** References
   - Lists all the academic, non-academic, websites etc that were used to help carry out the literature review as well as any code/package related materials used.
   - Please note that you cannot references materials which have not been cited in your work
9. NB- If you do not know how to do citations you will need to check online/and or from the academic papers that you have read.

Those points above = 90

Overall article evaluation

i. (2 points) Formatting --Make the article justified, single pacing, 12 points etc).
ii. (2 points) How well is the article written (should not be terse -- some one should be able to understand what is being done with a single reading)
iii. (2 points) Are the images visible and at the sections where they have been mentioned.
iv. (2 points) Is there a good connection from one section to another (The paper should be like a story...that has an introduction all the way to conclusion)
v. (2 points) Title of the paper and authors have been clearly specified/mentioned.