COSC 4P82 Project Marking Scheme

TOTAL: 50

A. Experiment/System design: 10

- *Note: To get marks here, the system has to be working!*
- training/testing strategy: 3
- fitness evaluation: 3
- multiple runs: 2
- reasonable parameter choices: 2
- other aspects: 5

B1. Report (experimental project): 30

- Introduction: **3**
- Experiment description (setup): **10**
    - parameters listed: 2
        - GP parameters
        - size of training/testing
        - # runs
    - describe method of selecting training/testing: 2
    - cite source of data (else -2)
    - Entire GP language listed and described: 2
    - Fitness formula described: 2
    - Misc: 2
- Results: **13**
    - Performance graphs, suitably labeled and discussed: 2
    - Summary tables (discussed) : 2
    - Training and testing: 2
    - Statistical significance (when applicable): 2
    - Discussion of experiment results: 4
    - show some solutions: 1
- Conclusion: **3**
    - summarizes experiment
- Bibliography: **1**
- Poor formatting, grammar/spelling, and presentation: marks deducted accordingly
- ChatGPT or other AI LLM used to write any part of the report: **-50% (15 marks)**

B2: Report (systems project): 30

- Introduction: **3**
- Systems architecture, implementation description: **10**
    - Description of what it is about
    - Language, libraries
    - System overview
    - algorithms (when applicable)
- User guide: **8**
    - a "how to" guide
- Illustration of system working: **8**
    - Either screen caps and discussions
    - OR small experiment
    - summarizes experiment
- Bibliography: **1**
- ChatGPT or other AI LLM used to write any part of the report: **-50% (15 marks)**

C: Creativity, quality: 10

- This is a subjective portion of the mark, in which I am looking for effort and creativity.
- I will consider things such as:
    - invention and creativity
    - work put into experiments
    - interesting implementations
    - applications of new concepts to solve problems
    - well-designed implementations (systems or experiments)
- ChatGPT or other AI LLM used to write report in B1 or B2: -**10 marks** (in addition to -15 in report marks)

Reminder: If ChatGPT or other AI LLM is used in report, then -50% (total 25 marks) deducted from total mark.

Total: _____ **(max 50)**