Winter 2022 - ECE 588
Final Project - Team #1
Cache Coherence Protocols Simulation and Performance Comparison

Project Roles & Responsibility

Durganila Anandhan - C code for MI & MESI coherence protocols, python script for random input file generation, helped in debugging, helped to update final project report.

Ian Taylor - C code for execution time. Added command line inputs for main.c. Helped to update the final project report / presentation document.

Jessica Armstrong - C code for cache representation, skeleton code and outline for simulator, added performance timing taxation, ran and gathered results from simulator. Helped to write the project report.

Manjari Rajasekharan - C code for MSI coherence protocols, debugging the code to ensure correctness of all the coherence protocols, hand-wrote test memory traces for each of the cache coherence protocols to ensure that each transition for a given protocol was undertaken at least once. Helped to write the final project report/presentation document.