

Project 1

1. Plan

1.1 Work Breakdown Structure

1.2 Network Diagram

1.3 Gantt Chart

2. Basic Milestone

2.1 Parse from command line

2.1.1 Allocate to variables from input

2.2 Read input file

2.2.1 Decide on a Data Structure

2.2.1.1 Create a data structure

2.2.2 Store Data in Data Structure

2.3 Create output file .dot

2.3.1 Find a valid schedule via brute

2.3.2 Format output file

3. Final milestone

3.1 Create optimal schedule for input

3.1.1 Refactor code to find all inputs

3.1.2 use B&B

3.1.3 use A*

3.2 Create Parallel version of search

3.2.1 Research about 2 types (stetah)

3.3 Visualisation of Search

3.3.1 Come up with type of visualisation