# Meeting Discussion (Similar to minutes but not everyone is always able to get together at the same time every week)

19/07/18

Meeting to discuss how to decouple the algorithm so everyone can work on different parts at different times.

Discussed using interfaces to split up the work.

Started Research on what algorithms to use.

Meet over the weekends to create WBS, Work Flow chart and presentation

For next meeting: Have decided on an algorithm to use and have the majority of the planning and presentation done

24/07/18

Decided to use the BBA\*/DFS B&B algorithm.

Finalise the Gaunt chart.

For next meeting: Start implementation of the BBA\*/DFS B&B algorithm

Alex: recursive algorithm

Sam: Cost function

Cameron: CLI

Edwar: Input parsing

Andrew: initial heuristic & output parsing

27/07/18

Sam: didn’t realise that few people knew how to use Pull Requests. Had to teach team, still working on cost function

Alex: just started on recursion algorithm

Edwar: change parser to use GraphStream

Andrew: Finish output parsing using string parsing

Cameron: started working on CLI

For next meeting: continue working on tasks

31/07/18

Sam: working closely with Alex on the cost function & reviewing pull requests

Alex: Implementing recursion algorithm

Edwar: Writing parser to convert from DOT to graph stream and then to our internal graph structure

Andrew: writing Initial heuristics scheduler (schedule all tasks on one processor)

Cameron: Finished the CLI looking at visualisation library’s (JFree)

For next meeting: continue working on tasks and research

03/08/18

Sam: Finishing off the Cost function service

Alex: Finished implementing algorithm

Edwar: Still working on parser

Andrew: Write Gradle to get libraries working

Cameron: Continue to look at other libraries for visualisation consulted friends for help

For next meeting: Meet during the weekends to integrate everything together for the interview on Monday

07/08/18

Sam: Starting to research how to parallelise the algorithm, write letter to client about failed test

Alex: starting to look into achieving optimal schedules using the algorithm

Edwar: Start testing to ensure that our schedules are valid

Andrew: Fixed bug issue with initial state identifier

Cameron: Finished the CLI looking at visualisation librarys (JFree)

For next meeting: Meet during the weekends to integrate everything together for the interview on Monday

10/08/18

Sam: Research parallelisation

Alex: Fix bugs with algorithm, and work with

Edwar: Testing

Andrew: Write Gradle to get libraries working

Cameron: Moving away from Jfree and starting to use other libraries

For next meeting: Meet during the weekends to integrate everything together for the interview on Monday

13/08/18

Alex: Fixing issues with algorithm returning non-optimal schedules Sam on decoupling the recursion for parallelisation

Sam: Research parallelisation and how to do it after assignments

Edwar: Testing and writing test classes

Andrew: Starting work on greedy algorithm after assignments

Cameron: Starting visualisation after assignments

For next meeting: Have Testing and Greedy algorithm done

16/08/18

Alex: Fixing issues with Parallelisation with Sam

Sam: Implement parallelisation and bug fixing

Edwar: Testing and writing test classes

Andrew: working on greedy scheduler

Cameron: implementing visualisation, understanding how to use threads with visualisation

For next meeting: have everything ready for submission

19/08/18

Alex: Talked about how Algorithm works

Andrew: Explained how the greedy algorithm worked

Sam: talked about how parallelisation of algorithm works

Edwar: Talked about finalising testing and GUI with Cameron

Cameron: Ran though how the visualisation worked

Sam: asked everyone to write their respective parts of the report

Parallelisation: Sam

Algorithm: Alex

Visualisation: Cameron

Edwar: Testing

Andrew: Development processes

For next meeting: The report ready to be put together