

SE306 project 1

Final report specification

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Version 1.0

1 Format

- Single pdf document to be uploaded via Canvas
- Length: maximum of 10 A4 pages (including everything – length of pdf document)
- Single column, font at least 10pt
- You are encouraged to include figures, pseudo-code and screenshots where appropriate

2 Content

The content of your report should cover the following points

- Algorithm
 - What algorithm(s), give pseudo-code
 - Bound, heuristic function
 - Important data structures
 - Pruning techniques
 - Used libraries
- Parallelisation
 - Parallelisation approach
 - * How is work split? How is work synchronised?
 - * Change in data structures/additional data structures
 - * Pseudo-code
 - Parallelisation technology
 - * Threads, ExecutorService, Pyjama, Parallel Task,?
 - How was it implemented?
- Visualization
 - Concept
 - What is displayed? Why?
 - How was that implemented?
 - Difference sequential and parallel visualization
- Testing
 - What was tested?

- How was it tested?
- Development process
 - Describe your development process
 - Communication and decision making
 - Conflict resolution
 - Used tools and technologies
 - Comment on team cohesion and spirit
- Table of major tasks with percentage contribution by each task member