

Project Planning

Team 11 - MaGa

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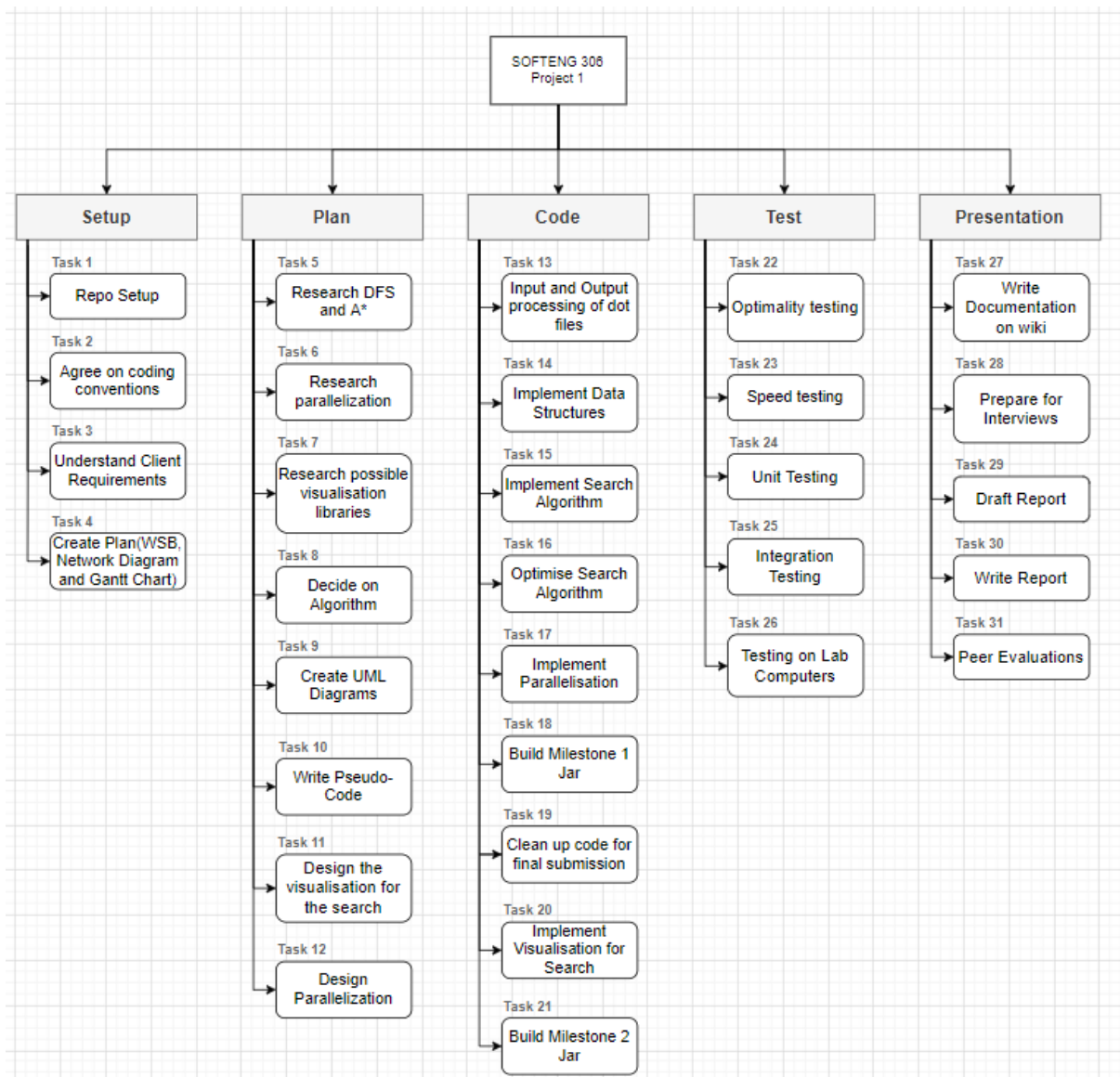
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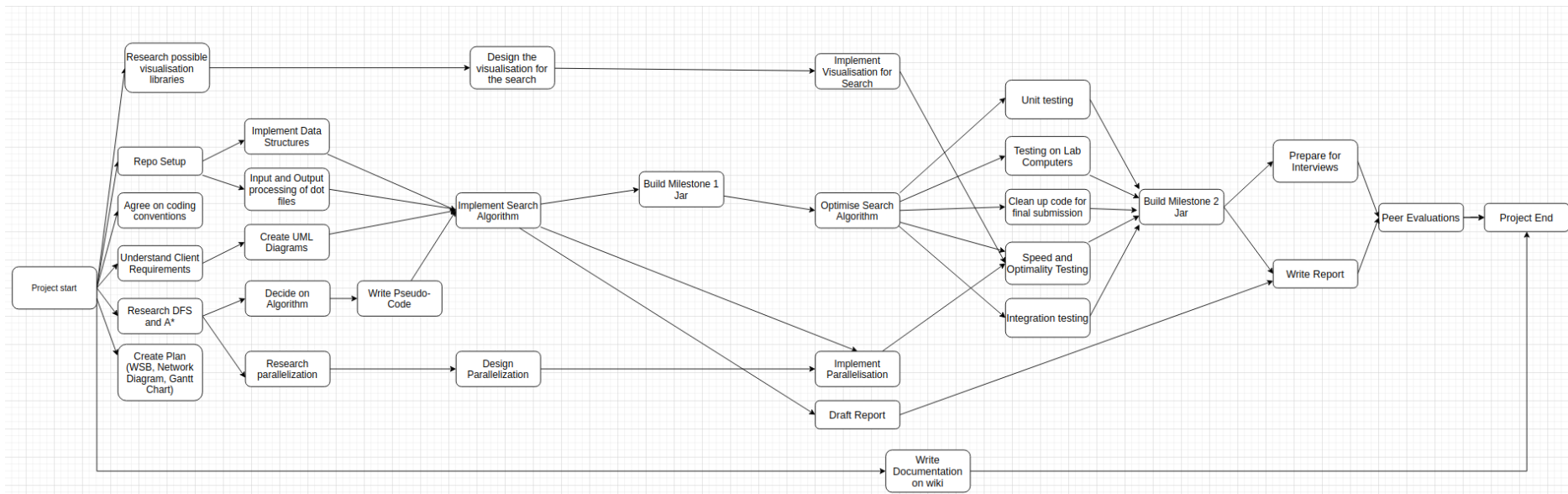
Work Breakdown Structure Diagram

The work breakdown structure is a visualisation of the required tasks to complete the tasks. The diagram shown below has been divided into three levels of hierarchy and decomposed into five components containing aspects of the Waterfall Model: Setup, Plan, Code, Test and Presentation. Each sub-components demonstrated the tasks that our team requires to be complete to build a high-quality and fully functional application. This diagram is crucial for planning this project as it provides a meaningful reference for the network diagram and Gantt chart.



Network Diagram

The following project network diagram displays the relationships between the different tasks of the project and the dependencies between them. The graph begins with the start of the project and completes with the finish of the project when all the tasks have been completed. The critical path of the project is 19 days, following the path Research DFS and A*, Decide on Algorithm, Write Pseudo-Code, Implement Search Algorithm, Build Milestone 1 Jar, Optimise Search Algorithm, Speed and Optimality Testing, Build Milestone 2 Jar, Write Report and Peer Evaluations.



Gantt Chart

The following diagram contains the visual representation of tasks scheduled over the course of the project, showing what work is to be completed each day. This is the Gantt chart on the right half of the diagram which refers to the Network diagram seen above to ensure the project follows a waterfall model. On the left half of the diagram, the human resources, number of days and specific days are recorded for the aspect of detailed planning for the WBS and Network diagram.

