

PX915-A Work Plan

Dylan Morgan, Matyas Parrag, Anas Siddiqui, Ben Gosling, and Geraldine Anis

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Team Organisation

The development of the code and documentation has been split into several sections given below:

- Make/Compile scripts – (Assigned: Dylan Morgan)
- User Input – (Assigned: Matyas Parrag)
- Backend/Algorithmic implementation – (Assigned: Anas Siddiqui and Geraldine Anis)
- Outputting data and Visualisation – (Assigned: Ben Gosling)
- Checkpointing – (Assigned: Matyas Parrag)
- Testing – (Assigned: Interim test - All members; Final Test - Anas Siddiqui and Ben Gosling)
- Parallelisation – (Assigned: Anas Siddiqui, Dylan Morgan and Geraldine Anis)
- Uncertainty Quantification (UQ) and Validation – (Assigned: Ben Gosling and Matyas Parrag)
- GitHub Maintainer – (Assigned: Dylan Morgan)
- Documentation Management – (Assigned: Geraldine Anis)

(Note: Every group member will document and write tests for the code that they have written. However, one person is designated to format and manage it).

Each group member has been assigned to sections of the code and document developments (as shown above), with Git issues given to members associated with their assigned tasks.

Task Breakdown and Order

The task breakdown throughout the assigned time period is represented as a Gantt chart, displayed in Figure 1: where the chart is colour-coded such that:

- Anas – Blue,
- Ben – Red,
- Dylan – Violet,

