**MA022**

**Queueing Theory: Optimisation of Queue Times at Grocery Stores**

**Report**

The report describes the actual laboratory, field or theoretical research (not library research) for the project. It should involve ideas and preferably, data generated by the student.

Credit must be given to the appropriate source and reference, including, in the event that generative artificial intelligence was used, how it was utilised in the authoring of the project report, beyond basic spelling and grammar checks.

It should include:

1. Background and Purpose of the research area,
2. Hypothesis of the research,
3. an Experimental section including Methods and Results,
4. Conclusion including a Discussion of the Results and Implications and
5. Bibliography of References.

Students are advised not to exceed seven pages, inclusive of data in tables, figures and diagrams. References and appendices do not count towards the seven-page limit. To ensure fairness across submission, judges have been advised that they can ignore any part of a report that exceeds the seven-page limit.