**Report for**

**Automated Kitchen Planning**

Coursework for *4CCS2IAI Introduction to Artificial Intelligence*

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**1 INTRODUTION**

The purpose of this report is to demonstrate how a domain and its instances have been modelled in PDDL and also how a planner has been used to solve the problems. Finally, the results will be analysed and commented upon.

The domain that I came up with is kitchen planning, specifically cooking hamburger in different processes by different persons . The different process will cost different time, chef can only do one thing at the same time . Hence, they need a perfect plan to manage time and save the time as much as possible.