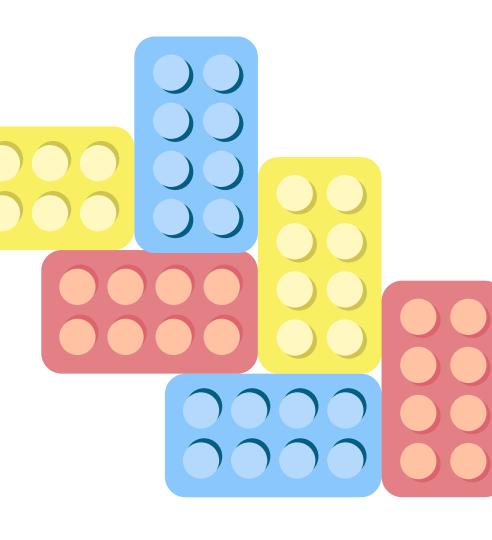
Data Structures & **Algorithms** Pizza Runners

Soh Hong Yu P2100775 DAAA/FT/2B/01



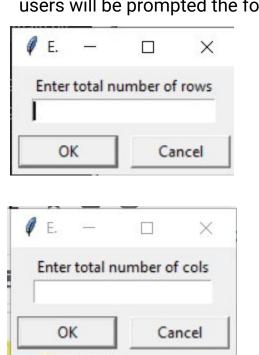
Additional Features

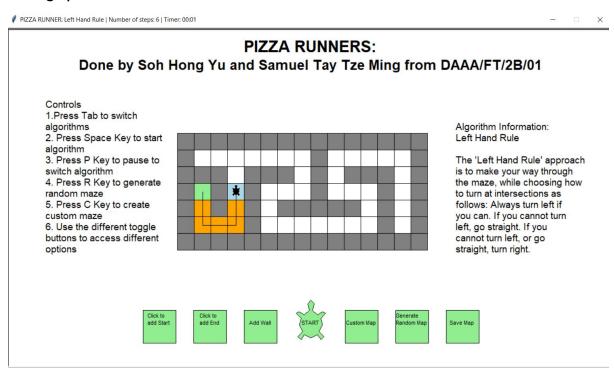


Random Maze Generator

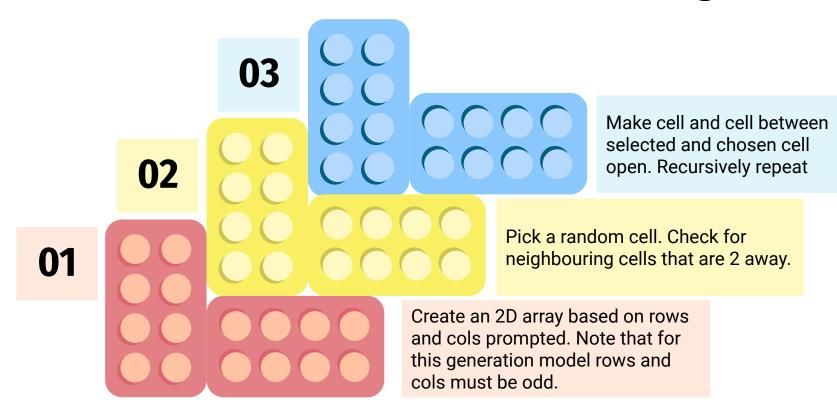
By clicking R or the Generate Random Map button, users will be prompted the following questions.

E.g. rows = $7 \cos = 15$





Random Maze Generator - Backtracking



Reasons why Random Maze Generator



Robustness



This allows the company to do a wider range of comparison and test the robustness of the algorithms



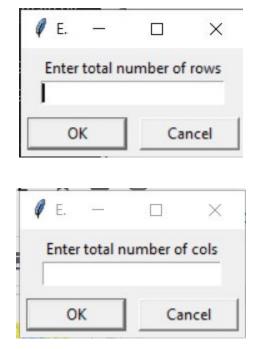
Experiments

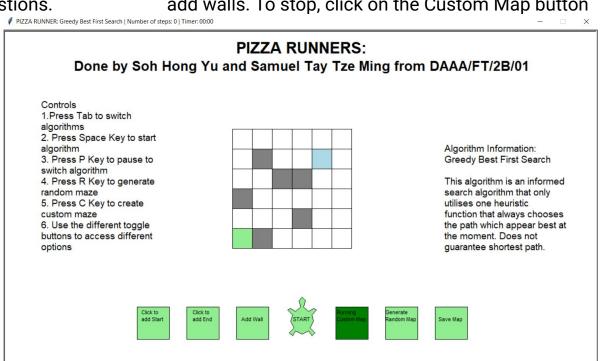
Before sending drones out, internal testing are required to ensure drone's efficiency

Custom Maze Maker

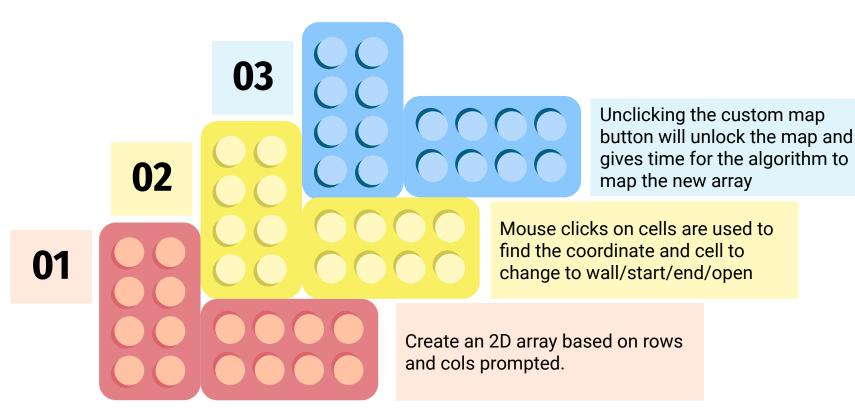
By clicking C or the Custom Map button, users will be prompted the following questions.

An empty map will be generated, click on cells to add walls. To stop, click on the Custom Map button





Custom Maze Maker



Reasons why Custom Map Maker



Future expansions



As business grow, more stores will be open. Using custom map to make the new city map for the stores



Experiments

Before sending drones out, internal testing are required to ensure drone's efficiency