

Dear Professor Keogh,

We are the Team Frozen Strawberries

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We created a heuristic for SIFT operations but were unable to complete the heuristic for non-SIFT balancing operations. With the test cases provided to us and the minimal number of containers in them, we decided that a heuristic was not necessary in solving those cases and time would be better spent on implementing other main components of the project. Due to the absence of a heuristic for non-SIFT operations, the results from uniform cost search are not time optimal in reference to the Manhattan distance. We also did not create a heuristic for unloading operations with the same reasoning as before. Additionally, due to time constraints and the minimal number of containers in test examples, we did not implement a buffer in either operation. Due to time constraints, we also did not implement any animations and used text on the screen with further explanations in the User Manual.

Please find attached:

1. A single PDF file, [TeamFrozenStrawberriesInitialElicitationQuestions.pdf](#), which contains the questions we prepared for elicitation
  - a. A single PDF file, [TeamFrozenStrawberriesElicitationQs\\_Notes&Answers.pdf](#), which contains the notes from attending elicitation lectures
2. A single PDF file, [TeamFrozenStrawberries\\_pitch\\_1.pdf](#), which contains the original project pitch to Mr. Keogh
3. A single PDF file, [TeamFrozenStrawberries\\_pitch\\_2.pdf](#), which contains the modified pitch to Mr. Keogh
4. A single PDF file, [TeamFrozenStrawberries\\_design.pdf](#), which contains our efforts in designing the software
5. A single PDF, [TeamFrozenStrawberriesTestingEfforts.pdf](#), which contains explanations and details of our testing efforts
  - a. Our coding efforts to test the software, <https://github.com/JakinChan200/CS179M/blob/main/test.py>
6. This URL, <https://github.com/JakinChan200/CS179M>, points to the Github repository of our code
7. A single PDF file, [TeamFrozenStrawberriesMeetingTimes.pdf](#), which contains a list of our meeting times and dates, each for a minimum of 1 hour, and a maximum of 10 continuous hours
8. A single PDF file, [TeamFrozenStrawberriesReferences.pdf](#) which contains a list of our references.
9. [Youtube video](#)

Sincerely, Team Frozen Strawberries