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FridgeFriend is an app for managing food in the fridge that is optimised for use via a Command Line Interface (CLI) and is targeted at new homeowners who cook. If you can type fast, `FridgeFriend` can track your cold or frozen groceries faster and easier than any other apps. It is written in Java, and has more than 6000 lines of code.

View the Project on GitHub at https://github.com/

Lee Yang Peng - Project Portfolio Page

Overview

This is a student project for university software development course. I am one of the contributors to the FridgeFriend project.

Summary of Contributions

Given below are my contributions to the project:

`v1.0 tasks`: In charge of implementing the skeletal version of FridgeFriend.

`v2.0 tasks`: Convert Food category into classes, Added History Command, Added List by Storage Location Command, as well as associated JUnit tests and helper function code.

`v2.1 tasks`: Feature enhancements by fixing bugs in the application.

Code contributed: More than 1200 lines of code: RepoSense Link

Enhancements Implemented

Version 1.0

- Implemented the skeletal version of FridgeFriend.
- Created preliminary J-Unit tests for the `Food` Class.
- Contributed to defensive code by adding logging and assertion statements.

Version 2.0

- Converted Food category into classes (#93)
- Added the ability to list all Food by Storage Location (#93)
- Added the ability to view a history of past additions of food to the fridge. (#131), (#143)

Version 2.1

- Improved the validation of Food Category and Food Storage Location when user inputs data. (#207)
- Overhauled the `Storage` class in the `Utilities` component to improve input validation. (#208)
- Fine-tuned the ability to search by 'Others' category or storage location when user invokes `list` command. (#212)

Enhancements to existing features

- Created JUnit tests & defensive code (for Add Command, List Command, Search Command, History Command).
- Refactored and improved Code Quality (for Storage Class, Add Command, List Command).

Contributions to Documentation

- **User Guide**
  - Added documentation for the command `search` (#72)
  - Added documentation for `list` by storage location (#93)
  - Updated Contents Page (#130)
  - Updated List Command (#130)
  - Updated Command Summary (#130)
  - Added documentation for the command `history` (#131)
  - Added documentation for the command `history clear` (#131)

- **Developer Guide**
  - Added Overall Architecture Section (#94)
  - Added Exception Section (#119)
  - Added Design and Implementation Section (#129)
  - Added Instructions for Manual Testing Section, which includes detailed testing instructions for all features (#142)
  - Added List Sequence Diagram and Implementation (#148)

Contributions to Team-based Tasks

- Consolidated issues created during PE-D for the team and labelled issue trackers
- Coordinating communications between instructors on MSTeams and teammates
- Streaming the execution and usage of the application in Project Demo Video
- Check documentations and final jar file for bugs

Review/Mentoring Contributions

- Gave suggestions and help debug in weekly meetings
- Pull Requests reviewed with non-trivial review comments (non-exhaustive): - #38, #41, #45, #58, #64, #66, #69, #108, #134, #141, #147

Contributions beyond the project team:

- Contributing with correct answers frequently in tutorials
- Discovered many bugs in peers' Team Project during PE-Dry Run
- Contributed to Class forum discussions
  - Rank 1 on Class Leaderboard as of 11 April 2021.
  - Examples of Class Forum Contributions:
    - Helping others,
    - Contributing to Discussion,
    - Raising Public issues to Prof so that all can benefit

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