

Tay Zi Hiang Willis - Project Portfolio

PROJECT: Cooking Papa

Overview

CookingPapa acts is an application targeted towards university students that want to learn how to cook by themselves. Users will interact with the application with a CLI, integrated with a GUI created with JavaFX. It acts as storage for recipes, keeps track of an inventory of your current ingredients and also has a shopping list to remind users what to buy on their next trip to the supermarket.

Summary of contributions

- **Major enhancement:** Cart move to inventory
 - What it does: With one command, the user is able to migrate all the ingredients from the cart to the inventory. From there, the inventory will be updated with the added ingredients and the cart will be empty.
 - Justification: This enhancement will allow the user to skip the need to update their own inventory after their shopping trip. Instead of having to keep track what ingredients they have to add from cart to the inventory and eventually delete everything in the cart, this command will do it all in one line.
 - Highlights: This command will be frequently used, since cart serves as a convenient shopping list for our users. After shopping, it is common to update your inventory of ingredients and this feature can accomplish this need easily.
 - Credits: Ingredient checks and tests are a group effort. The whole team contributed in allowing the **Ingredient** class to be built well, which is a key part of our project.
- **Minor enhancement:** Adding an ingredient to the cart
 - What it does: Allows the user to add an ingredient with a specified quantity into the cart. If the ingredient name already exists, it adds on to the quantity of the ingredient in the cart (Provided that the unit given in the quantity is the same).
 - Justification: This feature allows the user to add ingredients to the cart so that they can be reminded of what to buy at their next trip to the supermarket.
 - Highlights: This enhancement allows users to choose the number of ingredients they would actually need to complete their recipe. For example. if the recipe calls for 3 eggs while the user only has 1 in their inventory, they can simply add 2 more manually into the cart.
 - Credits: Ingredient checks and tests are a group effort. The whole team contributed in allowing the **Ingredient** class to be built well, which is a key part of our project.

- **Code contributed:** [tzihiang's contribution to CookingPapa on Github](#)
- **Other contributions:**
 - Project management:
 - Kept track of deadlines to meet for the team
 - Brainstormed together with team the application, what it does and its main features.
 - Enhancements to existing features:
 - Added to several test cases for added features: [#215](#)
 - Documentation:
 - Added on to the UG and created a summary table for all commands: [#221](#)
 - Added on to the DG, with updated UML tables: [#227](#)
 - Community:
 - Reviewed PRs before merging
 - Reported and contributed to bugs during PE Dry Run using CATcher.