# CSC207 Individual Contribution Template

Group number: 130
GitHub username: hhcgoodluck
Link to GitHub repository: https://github.com/Cindyzzz616/CSC207-Project---Recipe-Generator

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## Git Contributions:

- link to repository's GitHub contribution graph
  https://github.com/Cindyzzz616/CSC207-Project---Recipe-Generator/graphs/contributors

## User story that you were primarily responsible for:

- Links related to the implementation of use case related to user story

  [entity-Nutrition]
  https://github.com/CSC207-2024F-UofT/lab-5/commit/595a73a4cd37cc11492c0620ec8840e2bf569e40

  [test Data Access Test of Nutrition Information View]
  https://github.com/CSC207-2024F-UofT/lab-5/commit/254d9afe8b09130f5b08282cb057e8e5a4b8c4b1

  [use case-Interface of Nutrition View Data Access]
  https://github.com/CSC207-2024F-UofT/lab-5/commit/c4e46597e700222583b19fd171556eac79f49e1b

  [data access-implementation of the Nutrition View Interface]
  https://github.com/CSC207-2024F-UofT/lab-5/commit/99b4e18cafb9fc397b21f94c66cf25d4c721f44b

  [data access-get recipe id]
  https://github.com/CSC207-2024F-UofT/lab-5/commit/5186f75315cac1f148d172c8a70e02a4c68d4afb

  [view-Nutrition View]
  https://github.com/CSC207-2024F-UofT/lab-5/commit/23fafe9d8ce6eef6885714c95ec9f3a0437e0487

[view-Individual Recipe View]
https://github.com/CSC207-2024F-UofT/lab-5/commit/5186f75315cac1f148d172c8a70e02a4c68d4afb

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- The user story and related use case

  This use case provides detailed nutritional information for each recipe.
  Users can click a button to access data such as calorie counts, macronutrients (carbs, proteins, fats), and other key nutrients. This feature supports those who are tracking them nutrition or following specific dietary goals or cornering health problems. It is important for the system to present this information clearly, accounting for potential variations in portion sizes and ingredient substitutions.

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- Code coverage for use case interactors for this user story

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|---|---|---|---|---|
| use_case.nutrition_information | 0% (0/3) | 0% (0/7) | 0% (0/26) | 100% (0/0) |
| NutritionInformationAccessInterface | 100% (0/0) | 100% (0/0) | 100% (0/0) | 100% (0/0) |
| NutritionInformationInputBoundary | 100% (0/0) | 100% (0/0) | 100% (0/0) | 100% (0/0) |
| NutritionInformationInputData | 0% (0/1) | 0% (0/2) | 0% (0/3) | 100% (0/0) |
| NutritionInformationInteractor | 0% (0/1) | 0% (0/3) | 0% (0/20) | 100% (0/0) |
| NutritionInformationOutputBoundary | 100% (0/0) | 100% (0/0) | 100% (0/0) | 100% (0/0) |
| NutritionInformationOutputData | 0% (0/1) | 0% (0/2) | 0% (0/3) | 100% (0/0) |

# Another code contribution that you made:

- Link to another significant code contribution to the project

  Link1:  Refactoring code (use case layer) to improve the design
  https://github.com/CSC207-2024F-UofT/lab-5/commit/3a825cd776a142f805a0aa63748437ab907c625f#diff-f048269064cba8d2a95852a8d4c88b9c2dc154c716e9b91c6798be66a065c4ee

  link2: Refactoring code (interface adapter layer) to improve the design
  https://github.com/CSC207-2024F-UofT/lab-5/commit/a9a1347b0e68fc9f70d0e290434460e78abe8f95

  link3: Refactoring code (UI layer) to improve the design
  https://github.com/CSC207-2024F-UofT/lab-

5/commit/33cd56d6440ca3974a6e0651885108143a15fec3#diff-6befa977b2ac1667af16e7ac98274d5f81ca46ddbd5d18d19a210af5dd65cad4

link3: Error fix and Code style
https://github.com/CSC207-2024F-UofT/lab-5/commit/864bc57fb8ff0e510f29215ac921a4fbadd9cab1

https://github.com/CSC207-2024F-UofT/lab-5/commit/fa694104119694246f2d34763c30f76ec44855c8

link4: Test part for the Nutrition Information Interactor
https://github.com/Cindyzzz616/CSC207-Project---Recipe-Generator/commit/bb7a313a30db4a795a64807bf0704ce876253ab3

- Describing code contribution

  The code above primarily focuses on refactoring the use case to improve the design pattern. During the process, errors such as incorrect variable name usage were identified and corrected. Finally, tests for the interactor were implemented.

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# Two examples of code reviews that you performed:

- Link1:
  https://github.com/CSC207-2024F-UofT/lab-5/commit/c5fe80fd730281e14d05f91e62c86e6daa9b7634

- This section of the review primarily emphasizes that after code refactoring, all refactored files need to be organized into packages based on use cases. This is to ensure a unified code design pattern across the entire team.

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- Link2:
  https://github.com/CSC207-2024F-UofT/lab-5/commit/41e6507b2dbdf89eb597814eb6c1c57384e961fd#diff-f825dd0c447c47776b4563ec185c3666cf4b61084df0da1f0f8b72f1b1f15190

- This part of the review primarily addressed the issue encountered during the software design process (during testing, the software became unresponsive after pressing a button and displayed a 402 error). A new API key is needed to enable data access.

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# Other Group Contributions:

- ## Contribution to the overall design of project

  In the overall project design, I was primarily responsible for designing the nutrition information functionality module and its page layout. Additionally, during the initial stages, I added a dedicated testing module for the data access layer to ensure successful data retrieval from external APIs (which was later removed after refactoring). In the final project, I contributed by writing the Javadoc, debugging and resolving errors encountered during testing, and reorganizing files under each layer into separate packages based on their function

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- ## Other non-coding and non-design aspects of the project

  In the initial software design blueprint, I compiled two project proposal documents, which included general implementation ideas, and shared them with my teammates.

  Additionally, I shared a recent project I had worked on (focused on a reinforcement learning recommendation system MAB algorithm applied to an open-source dataset). This project had similarities to our course project in terms of code implementation (e.g., external data reading, data cleaning, and graphical analysis), providing some reference for my teammates.

  In the final presentation, I contributed to creating parts of the PowerPoint slides and offered several PowerPoint templates for the team to choose from.

# Attendance / Communication / Peer Evaluations:

- None
- Have submitted the peer evaluations