

# CSC207 Individual Contribution

GitHub username: samaslanowicz

Link to GitHub repository:

<https://github.com/samaslanowicz/NutriNinja/tree/main>

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## Git Contributions:

<https://github.com/samaslanowicz/NutriNinja/graphs/contributors>

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My git contributions were right around the average for our group. However, I also contributed to the project in other ways, such as leading some of our group meetings, setting weekly team deadlines, and helping make the slides for the final presentation. In terms of writing code, I was responsible for the SavePreferencesUseCase in its entirety (the use-case directory and the interface adapter directory), as well as the PreferencesView, the PreferencesViewFactory, and the ViewManager, ViewManagerModel and ViewModel classes.

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## Use case that you were primarily responsible for:

- Links to 1 (or more) Pull Request(s) related to the implementation of this use case, which contain a significant amount of code written by you.  
<https://github.com/merrickliu888/NutriNinja/pull/15>  
<https://github.com/merrickliu888/NutriNinja/pull/26>

The SavePreferences use case is responsible for the data persistence aspect of our project. It saves the user's preferences to a csv file under that user's account so they can be automatically displayed the next time the user logs in. I created all of the classes in the use\_case -> save\_preferences directory (Interactor, InputData, OutputData, InputBoundary, OutputBoundary, DataAccessInterface), as well as all of the classes in the interface\_adapter -> save\_preferences directory (Controller, Presenter, ViewModel, State). I also wrote tests for the backend of this use case, starting from interactor.execute(), and tested for success, making sure that the interactor sent the correct output data to the presenter. Further, I tested the getters and setters for the input data and output data classes for this use case, and finished with 100% line coverage on the entirety of the back end of the SavePreferences use case.

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## Another code contribution that you made:

- Links to 1 (or more) Pull Request(s) demonstrating another significant code contribution which you made to the project.

<https://github.com/merrickliu888/NutriNinja/pull/47>

<https://github.com/merrickliu888/NutriNinja/pull/65>

<https://github.com/merrickliu888/NutriNinja/pull/30>

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The PreferencesView class is of the most important views for our project. It is the view where the user inputs all of their preferences and can chose to either save their preferences, generate a meal based off of their preferrences, or generate a completely random meal. I Created this entire class, which was by far the longest and most complex view. I made all of the input fields and buttons, and also addede8 keyListener methods and 3 mouseListener methods for all of the input fields. I also needed to add actionListeners for each of the different buttons, where different controllers were called each time. The tests for this class were also written by me, where I performed integration tests, and tested that both the savePreferences button and the generateMeal button sent the right input data to the view model.

I also created the main ViewManager, ViewModel, and ViewModelManager classes, which were used by all of our group members when creating their own respective views.

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## Two examples of code reviews that you performed:

- Link to one of your code reviews: <https://github.com/merrickliu888/NutriNinja/pull/17>
- Brief explanation of this code review.

This review was made to mainly make sure that we were all following the same naming scheme (healthPreferences vs healthPreference in this case), as well as check to make sure that our methods included error-checking of needed (pre-conditions / throwing exceptions).

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- Link to another one of your code reviews:  
<https://github.com/merrickliu888/NutriNinja/pull/13>
  - Brief explanation of this code review.

This review was made to remind people that javadocs needed to be added to public methods, as well as to help one of group members clean up some of their code, and to remove unnecessary methods and variables (creation time in this case).

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## Other Group Contributions:

- a short paragraph describing how you contributed to the design of your project.

In terms of design, I came up with the idea of having the user's preferences save every time they were logged out, or returned to the preferences page from the meal page. I also presented the general idea of how the views should work, and the use cases that we would need to have. I also helped find the API, and tested it on Postman for the sake of our group.

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- a short paragraph describing how you contributed to any other non-coding and non-design aspects of the project.

I often organized the weekly team meetings, and helped come up with weekly deadlines throughout the semester. I also created and prepared the slides for the final presentation that I presented, (testing, code organization, and extending), and consistently offered to help other group member with fixing bugs, or gave advice on how to solve problems that they ran into. I also wrote a user story, and helped write the software specification section for our blueprint presentation.

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## Attendance / Communication / Peer Evaluations:

- You don't have to submit anything for this part, but you may optionally include an explanation if you had previously unexplained absences during the term or want to draw attention to any other factors impacting your participation in the group project.

I had consistent attendance throughout the entire term, and feel that I participated an above-average amount relative to my group, but I did miss one team meeting early in the semester, due to a varsity baseball practice on a Thursday night. However, I made sure to catch up on the work that my group members did the next day.

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