

Software Engineering: 14:332:452:01
Group 1
Home Kitchen Automation



<https://github.com/max-legrand/chefcart>

<https://chefcart.herokuapp.com>

Individual Contributions
1 April 2021

Team Members:

- Indrasish Moitra
- Milos Seskar
- Shreyas Heragu
- Kevin Lin
- Maxwell Legrand
- Jonathan Wong
- Allen Chang
- Elysia Heah
- Mark Stanik
- Brandon Luong

For the integration side, each subteam has a group member dedicated to integration with other components of the project. Max and Jon, in addition to their responsibilities listed below, are leading the overall integration and integration of the ChefCart project.

Indrasish Moitra: Setting up BigQuery tables for database storage backend. Learning BigQuery APIs for Go to integrate with webapp, instead of relying on Python.

Milos Seskar: Exploring Spoonacular API and creating local scripts to test API functions. Restructuring scripts for future Go integration.

Shreyas Heragu: Locally testing grocery store APIs to finalize code/workflow for store integration to grocery list.

Kevin Lin: Creating grocery list structure and formatting individual item types. Working with digital pantry to finalize “ingredient” data type.

Maxwell Legrand: Coding login and setup pages. Developing webapp skeleton and user information input fields. Planning further webapp structures and front end features.

Jonathon Wong: Planning design features and UI/UX changes to benefit user. Locally testing UX and webapp scripts to develop new features. Managing project reports.

Allen Chang: Facilitating integration of components into webapp. Communicates changing requirements between teams to encourage communication.

Elysia Heah: Coding backend edits to database from grocery list. Focusing on add/remove/edit methods from webapp.

Mark Stanik: Working on frontend aspects of digital pantry. Working with the webapp team on creating interface buttons for user interaction.

Brandon Luong: Integrating recipe generator with digital pantry backend. Creating functions to leverage spoonacular API with direct database access.

Data Collection scripts are not applicable to our project because there is no data to be collected. All data used in this project will be user inputted and stored in a MySQL database.

Integration testing is not applicable to our project because all our integration testing was done via testing the web app and not via scripts.