

Heading:

- Document name: Release Plan
- Product name: GrocerEase
- Team name: GrocerEase (Danilo Radovic, Enes Yazgan, Simon Bukin, Sean Fronteras, Zhecheng Lin)
- Release name: GrocerEase
- Release date: December 5, 2018
- Revision number: Version_1
- Revision date: October 17, 2018

Goal: Create an ingredient catalogue in linked lists and add sorting features (by name, by type, by date added) using ~~Google Flutter and Dart~~ React Native and Firebase technologies, with a user-friendly interface.

Task listing, organized by user story:

- User story 1: As a chef, I want to catalogue my food because I want an easy way to keep track of the food in my kitchen.
 - Learn ~~Dart/Flutter~~ React Native (framework) and Firebase (database)
 - Basic user interface for food cataloguing
 - Commit to github
 - Linked List input/output
 - Have a test app
 - Have some form of user input
 - User inputs text
 - Store each text as object (will be ingredient)
 - Attributes for objects

Time: 15 hours

Story points: 8

- User story 2: As a busy home cook, I want a barcode scanner in an app because I don't wish to manually enter information about my food for every single ingredient/food item I buy, it would get overbearing.
 - Open camera, scan barcode, load information from barcode into the ingredient object
 - Integrate in user interface

Time: 5 hours

Story points: 1

Team roles:

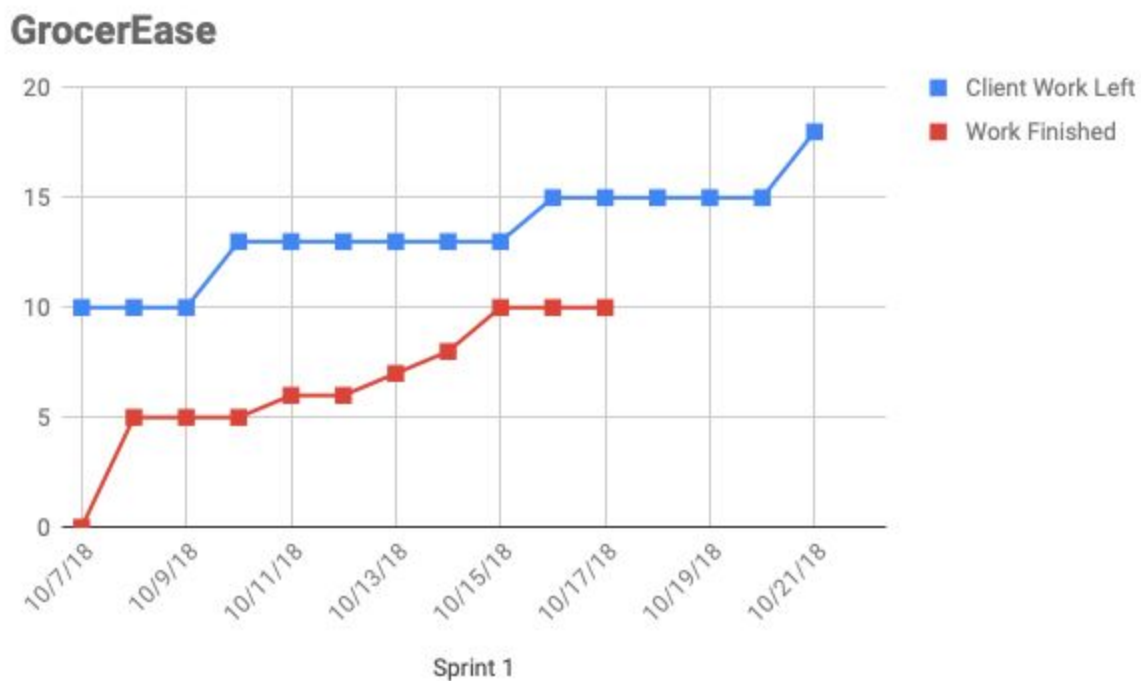
- Enes Yazgan: Project Owner, Database developer
- Danilo Radovic: Scrum Master, Project Architect, Database developer

- Simon Bukin: Database developer, Web scraper
- Sean Fronteras: UI/UX designer
- Zhecheng Lin: Database developer

Initial task assignment:

- Enes Yazgan: User story 1, initial task
- Simon Bukin: User story 1, get sample ingredients and quantities from web
- Danilo Radovic: User story 1, get sample ingredients and quantities from web
- Sean Fronteras: User story 1, develop basic user interface to enter and see user's own ingredient list, how to implement Flutter barcode scanner api in the app
- Zhecheng Lin: User story 1, look into database design options

Initial burnup chart:



Scrum times:

- Mondays at 3:00-3:30pm lounge in Baskin
- Tuesdays at 2:30pm-2:45pm with TA Morteza at Basking Engineering 316
- Fridays at 3:00pm-3:15pm at lounge in Baskin