

## 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 10, 2018

## High level goals:

- Applicable Recipe Search
  - Recipe filter
- Calorie range for recipes
  - User can specify kitchen equipment as well
- Step by step recipe instructions
- Nutrition tracker (personalized)
- Quantity/Expiration Date Tracker
- Food amount decrementer
- Barcode scanner (provides info to nutrition tracker, expiration date tracker, food amount decrementer)
- Ingredient substitution based on 5 star health rating
- Users rate recipes (and get suggestions based off that)

## User stories for release:

### -Sprint 1

User story 1: As a chef, I want to catalogue my food (and sort it in various ways) because I want an easy way to keep track of the food in my kitchen.

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.

### -Sprint 2

User story 1: As a busy college student, I want to avoid going out of my way to buy food for very specific recipes because I want to use the ingredients I already have with step-by-step instructions.

User story 2: As a parent, I want an app that tracks how much food I have and for how long I'll have it because I don't want food to be wasted.

-Sprint 3

User story 1: As a health-conscious individual, I want something to track the nutritional values of the recipes I make because I want to live a healthy lifestyle, which consists of being aware of what I'm consuming

-Sprint 4

User story 1: As someone with a food allergy, I want to be able to substitute ingredients that I'm allergic to for an alternative that's similar in nature

User story 2: As a health-oriented individual, I want to be given a health rating of my food because it is convenient to have my food health calculations pre-determined before I purchase it.

**Product backlog:**

- Users can rate the recipes and our algorithm will suggest similar recipes
- Recipes are sorted in cuisine or ethnic groups (either manually or with predictive algorithms)
- Food planner for the week so user knows which ingredients to buy ahead of time and so they don't have to constantly think about what they will make next.

**Project presentation:**

- See presentation in class:

<https://docs.google.com/presentation/d/1Nx4YdL22s8OK8hy4s6QsynmahouUeUXTAoQZbLERtPw8/edit#slide=id.p1>