

# Sprint 3 Plan

Product Name: iCook

Team Name: WeCook

Sprint Completion Date: 07/19–24/2023

Revision Number: 1.0

Revision Date: 06/30/2023

## Goal:

Further refine user experience, add a number of new features

## Task List by User Story

- User Story 3.1: (8 points) As a user, I want a shopping list of selected meals' ingredients so that I can easily shop for my chosen meals.
  - Task 1: Create a new database field "inCart" that holds the number of recipe occurrences within the planned meals
  - Task 2: Create the UI for the shopping list, list of ingredients from the planned meals compiled into one screen. Each entry should be an ingredient, with a checked or unchecked box, as well as displaying the units. There should also be a way to remove ingredients, add ingredients, and clear the list.
  - Task 3: Create the UI for Planned meals. It's a list similar to recipes that holds all the planned meals. Each recipe entry should have an inCart number shown, and an ability to remove 1 or all. There should be a "clear planned meals" button, and a "make shopping list" button
  - Task 4: Create Database functions to remove all and remove individual recipes in the shopping cart
  - Task 5: Create Database functions to edit, save, and remove ingredient entries. Ingredient entries should have a boolean "checked" val and text
  - Task 6: Make "make list" button properly compile the ingredient list from the recipes "inCart" and round them up to the nearest half of the appropriate unit, and store the new shopping list in the database (blocked by task 4)
  - Task 7: Hook up the ingredient list editing to the database functions, and properly update the state on changes
  - Task 8: Hook up the recipe list editing to the database functions, and properly update the state on changes
  - Task 9: Make the navbar buttons navigate to the "Select list" screen and the "ingredient list" screen (blocked by tasks 1 and 2)
  - Task 10: Make the UI for both pages really blend into the theme well
- User Story 3.2: (5 points) As a user, I want to be able to import and export my recipes so that I can transfer my recipes to another device or share with other users.
  - Task 1: UI for importing and exporting tab
  - Task 2: Export and Import Functionality with SQLite

- User Story 3.3: (3 Points) As a user, I want to be able to export a recipe into a readable file so that I can share or access recipes outside of the app.
  - Task 1: Load recipe details from database
  - Task 2: Export as readable file (JSON or .txt?)
- User Story 3.4 (3 Points) As a user, I want a clean experience with this app, including an absence of app-crashing errors.
  - Task 1: Use flexgrow to make the ingredient name textbox move above the row to prevent a “column” of letters being displayed.
  - Task 2: If the home button on the navigation bar is clicked it should take the user back to the home page.
  - Task 3: If the user creates a new recipe but cancels the creation of the new recipe, a null recipe entry should not be added to the list of recipes.
  - Task 4: Update navigation bar to represent our current pages
  - Task 5: Remove navigation bar from edit recipe page

#### **Spikes:**

- OS complications when importing and exporting

#### **Infrastructure Tasks:**

- Add “amount in cart” entry to recipe db fields
- Create a new database table to store ingredient list

#### **Team Roles:**

Arshad Mohammad: Project Owner

Harlene Virk: Developer

Diego Vasquez: Developer

Monyreak Kit: Scrum Master

Christopher Horch: Developer

Adam Hammond: Developer

#### **Initial Task Assignments:**

Arshad Mohammad: 1.4, 1.6, 1.9

Harlene Virk: 4.1, 4.2, 4.4,

Diego Vasquez: Tasks 3.1, 3.2, 1.1

Monyreak Kit: Task 2.1, 2.2, 2.3

Christopher Horch:

Adam Hammond: Tasks 1.2, 1.3, 4.3

#### **Burnup Chart:**

#### **Initial Scrum Board (Trello):**

#### **Scrum Times:**

Tuesday, Thursday and Saturday @ 5:00

TA meetings: Tuesday and Friday @ 5:15