

# Sprint 2 Plan

Product Name: iCook

Team Name: WeCook

Sprint Completion Date: 07/07–08/2023

Revision Number: 1.0

Revision Date: 06/30/2023

## Goal:

Refine the User Experience, and complete most of our should-haves that make our app more attractive and enjoyable to use rather than simply “usable”.

## Task listing, organized by user story:

- User Story 2.1: (1 points) As a user, I want to edit components of recipes for future updates.
  - Task 1: Ensure that edited data is stored in the database correctly so that it may be referenced again after closing
- User Story 2.2: (5 points) As a user I want to search recipes so I can immediately find which recipes I want.
  - Task 1: Add a UI for the search bar (a single search) & button in multiScreen & track its state
  - Task 2: Make the UI blend into the multiscreen & generally look correct
  - Task 3: Make the button search the database and update the screen with the matched items in both name and ingredients
  - Task 4: Make the search support searching tags (blocked by 2.5)
  - Task 5: Make a UI and state for the search bar to add and delete multiple searches
  - Task 6: Make the search bar search the database and update the screen with recipes that match all searches
- User Story 2.3: (5 points) As a user, I want to add pictures of recipes to remember what the final product would look like.
  - Task 1: Load an image and display image on view screen
  - Task 2: Implement Image Picker in the Edit Recipe UI
  - Task 3: Save Image URI to database load image on view screen
  - Task 4: Style UI to display image on single recipe
  - Task 5: Style UI to display image home page
- User Story: 2.4: (3 points) As a user, I want my recipes to be stored in an application with an intuitive interface that is free of clutter.
  - Task 1: Remove white screen-name from the top
  - Task 2: Add description of recipe (if given) to homepage view (cut off text if too long/char limit)
  - Task 3: Remove delete button from recipe on homepage and move to editing screen
  - Task 4: Include alert screen for recipe deletions “are you sure you want to delete?”

- Task 5: Style Navigation bar to match rest of UI (update depreciations)
- User Story 2.5: (3 points) As a user, I want to tag (ex. lunch, dinner, vegetarian) in order to better organize them.
  - Task 1: Add a new field to be stored in the database (this new field will need to be added to all relevant database-accessing functions!)
    - Store tags as a string (similar to ingredients but without amount and units)
    - Create parsing function to store tags and a reformat function to fetch from storage
  - Task 2: Implement the tags into the interface for a single recipe
  - Task 3: Implement the tags into the interface for the multi screen
  - Task 4: ensure tag can be searched for in the search bar (blocked by 2.2)

### **Spikes**

- Storing images
- Database query and re-rendering (for search)
- Input parsing

### **Infrastructure Tasks**

- database entries will need to include extra entries like pictures, tags, etc

### **Team roles:**

Arshad Mohammad: Project Owner

Harlene Virk: Developer

Diego Vasquez: Developer

Monyreak Kit: Developer

Christopher Horch: Developer

Adam Hammond: Scrum Master

### **Initial task assignment:**

Arshad Mohammad: User Story 3, Tasks: 3.2, 3.3, 3.4

Harlene Virk: 3.1, 4.1, 4.3, 4.4

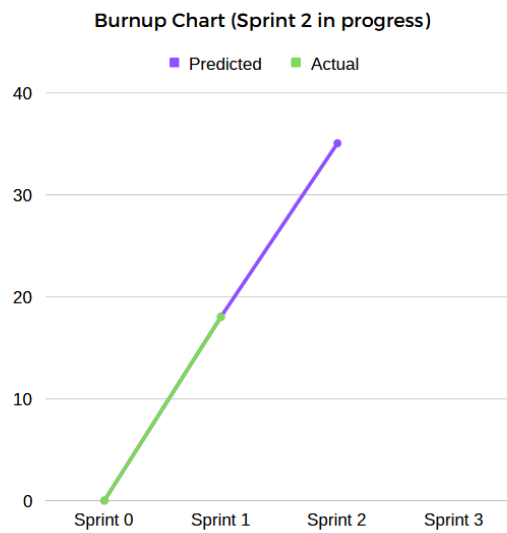
Diego Vasquez: User story 5, 5.1, 5.2, 5.3, 5.4

Monyreak Kit: Developer

Christopher Horch: Developer

Adam Hammond: User Story 2.2 Task 1: Add a UI for the search bar & button in multiScreen & track its state

### **Burnup Chart:**



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

#### **Scrum times:**

Tuesday, Thursday and Saturday @ 5:00

TA meetings: Tuesday and Friday @ 5:15