

# Sprint Plan 2 - CSE 115 – Software Methodology

**Heading:** Sprint 2 Plan, Dish Delish, February 13, revision number: 6, revision date: 2/11

**Goal:** In Sprint 2, we plan to work on getting recipes functionality and filtering recipes. We will also work on integrating our user flow into the website.

## Task listing, organized by user story:

**(priority)** User story 2.1 “Getting Recipes” [8 pts]: As an indecisive, financially-minded college student, I want to be able to find relevant recipes so that I can utilize the ingredients I already have in my household.

- Task 1: (2 hour)
  - Setup Spoonacular API Integration
- Task 2: (6 hours)
  - Setup Recipe search interface
- Task 3: (8 hours)
  - Implement save recipe functionality (saved recipes associated with user account)
- Task 4: (4 hours)
  - Display recipe and ingredient image
    - <https://spoonacular.com/food-api/docs#Ingredients-by-ID-Image>

Total User story 2.1: 20 hours

**(priority)** User story 2.2 “Filtering Recipes” [5 pts]: As someone who has dietary limitations, I want to be able to filter search results based on allergies, dietary restrictions, cuisine preferences, and time so that I can make recipes that suit my personal needs.

- Task 1: (6 hours)
  - Create a dietary restriction form with checkboxes (include React Popper to instruct user)
- Task 2: (6 hours)
  - Setup recipe search functionality with dietary restrictions filter (API call to Spoonacular)

Total User story 2.2: 12 hours

User story 2.3 “User Flow Schema Integration” [8 pts]: As someone who would like to frequently use this application, I would like to create a user profile and view my saved recipes so that I can easily access my user information and favorites.

- Task 1: (8 hours)
  - Set up the user creation and login page into the website
- Task 2: (6 hours)
  - Set up a user parameter for saved recipes in MongoDB

Total User story 2.3: 14 hours

**Team roles:** Give a listing of all team members. Next to the team member, list their role(s) for this sprint. Assign each person to at least one role (for example, this role might be "Developer"). This looks like:

Alyssa Yee: Sprint 2 Product Owner {Developer}

Alisha Saboowala: Sprint 2 Scrum Master {Developer}

Audrey Ostrom: {Developer}

Janvi Rochlani: Developer

Annika Gupta: Developer

Maina Dhar: Developer

**Initial task assignment:** A listing of each team member, with their first user story and task assignment. This should look like:

Alyssa Yee: User Story 2.1 Task 1, 3, 4

Audrey Ostrom: User Story 2.3: Task 1-2

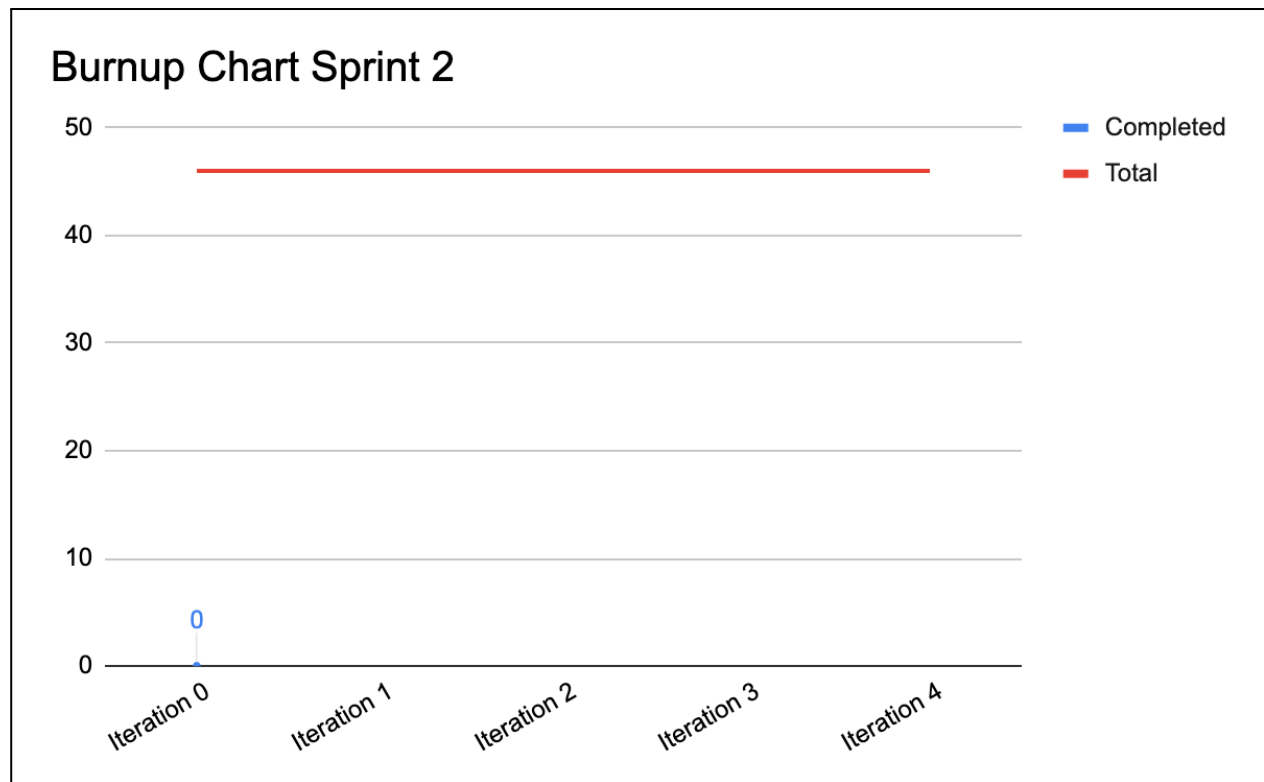
Janvi Rochlani: User Story 2.1 Task 2 and User Story 2.2 Task 1

Annika Gupta: User Story 2.1: Task 1, 3, User Story 2.2 Task 2

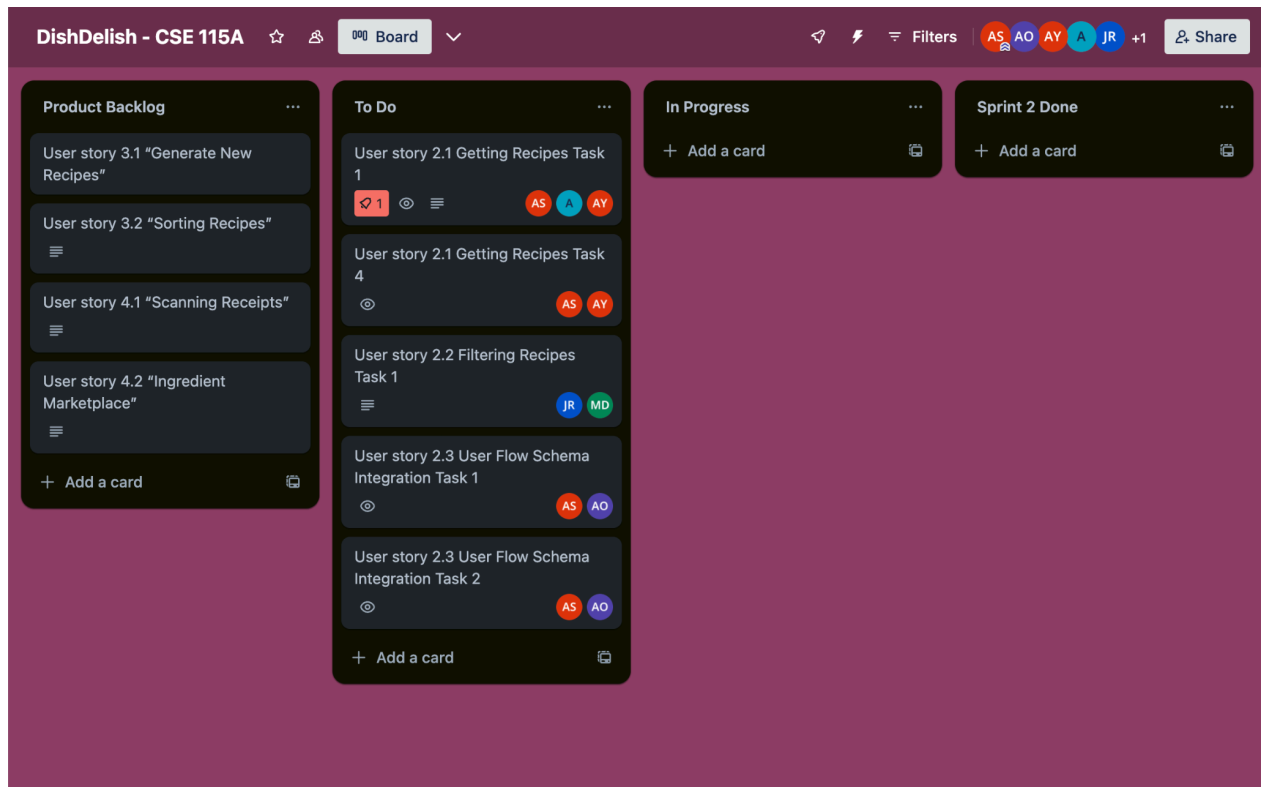
Alisha Saboowala: User Story 2.1 Task 1, 3, 4, User Story 2.3 Task 1-2

Maina Dhar: User Story 2.1 Task 2 and User Story 2.2 Task 1

**Initial burnup chart:** A graph giving the initial burnup chart for this sprint and is labeled as such with sprint number and project name and is located in the lab.



**Initial scrum board:** Also known as a task board, the scrum board is a physical board labeled as such with sprint number and project name and located in the lab. This board has four columns, titled user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it notes representing the user stories and the tasks for this sprint should be placed in the user stories, tasks not started, and tasks in progress columns. Tasks associated with a user story should be placed in the same row as the user story.



**Scrum times:** List at least the three days and times during the week when your team will meet and conduct Scrum meetings. Also, indicate which of these meetings will have the TA/tutor visit as arranged with the TA/tutor. It is expected the TA/tutor will visit during the Scrum meeting during your lab time.

- **Meeting with TA** (Tuesday, 9:30 am - 10:30 am)
- **Team Meeting** (Thursday, 4 pm - 5 pm)
- **Team Meeting** (Saturday, 11 am - 12 pm)

Note that if the team ended up modifying its release plan during sprint planning, submit an updated release plan document also with the sprint plan.