Sprint Plan 1 - CSE 115 – Software Methodology

Heading: Sprint 1 Plan, Dish Delish, team name, January 30, revision number: 3, revision date: 1/30

Goal: In Sprint 1, we plan to create a finalized Figma and have our GitHub and Trello board set up for Scrum task management. We also plan to address the key user stories related to login, ingredient inputs, and interface design.

Task listing, organized by user story:

(priority) User story 1.1 "Login" [story points]: As a frequent user of this app, I need to be able to have a way to sign in so that I can view recipes I've done before and liked.

- Task 1: (2 hours)
    - Setting up MongoDB
- Task 2: (2 hours)
    - Using Next.js authentication to log in securely

Total User story 1.1: 4 hours

{We can accomplish this by implementing a secure login method by setting up our back-end.}

(priority) User story 1.2 "Ingredient Inputs" [story points]: As someone who's strapped for time, I need access to be able to input ingredients I have on hand so that I can get recipes that I currently cook without needing to run to the store.

- Task 1: (2 hours)
    - Finding a good food database from Spoonacular and importing it into a JSON file
- Task 2: (4 hours)
    - Creating a suggestion bar with drop-down to select ingredients

Total User story 1.2: 6 hours

{We can accomplish this by deciding on the schema of how we'd like to store data about our users (like what's in their pantry). Once that's settled, we can take user inputs and then store it for that database. In the event this takes longer than expected.}

(priority) User story 1.3 "Interface" [story points]: As an interested user of this app, I need to have a user-friendly interface so that I can interact with the many features offered in this application.

- Task 1: (2 hours)
    - Displaying ingredients input dynamically
- Task 2: (2 hours)
    - Option to select/deselect items from the ingredient list

- Task 3: (2 hours)
  - Routing to different pages and setting up a navigation bar
- Task 4: (2 hours)
  - Setting up the static features

Total User story 1.3: 8 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 1 Product Owner {, Developer}

Audrey Ostrom: Sprint 1 Scrum Master {, Developer}

Janvi Rochlani: Developer

Annika Gupta: Developer

Alisha Saboowala: 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 1.2 "Ingredient Input", Tasks 1-2

Audrey Ostrom: User story 1.1 "Login", Tasks 1-2

Janvi Rochlani: User Story 1.3 "Interface", Tasks 1-4

Annika Gupta: User story 1.2, Task 1-2

Alisha Saboowala: User story 1.2 "Ingredient Input", Tasks 1-2

Maina Dhar: User Story 1.3 "Interface", Tasks 1-4

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. (ask TA)

Burnup Chart Sprint 1
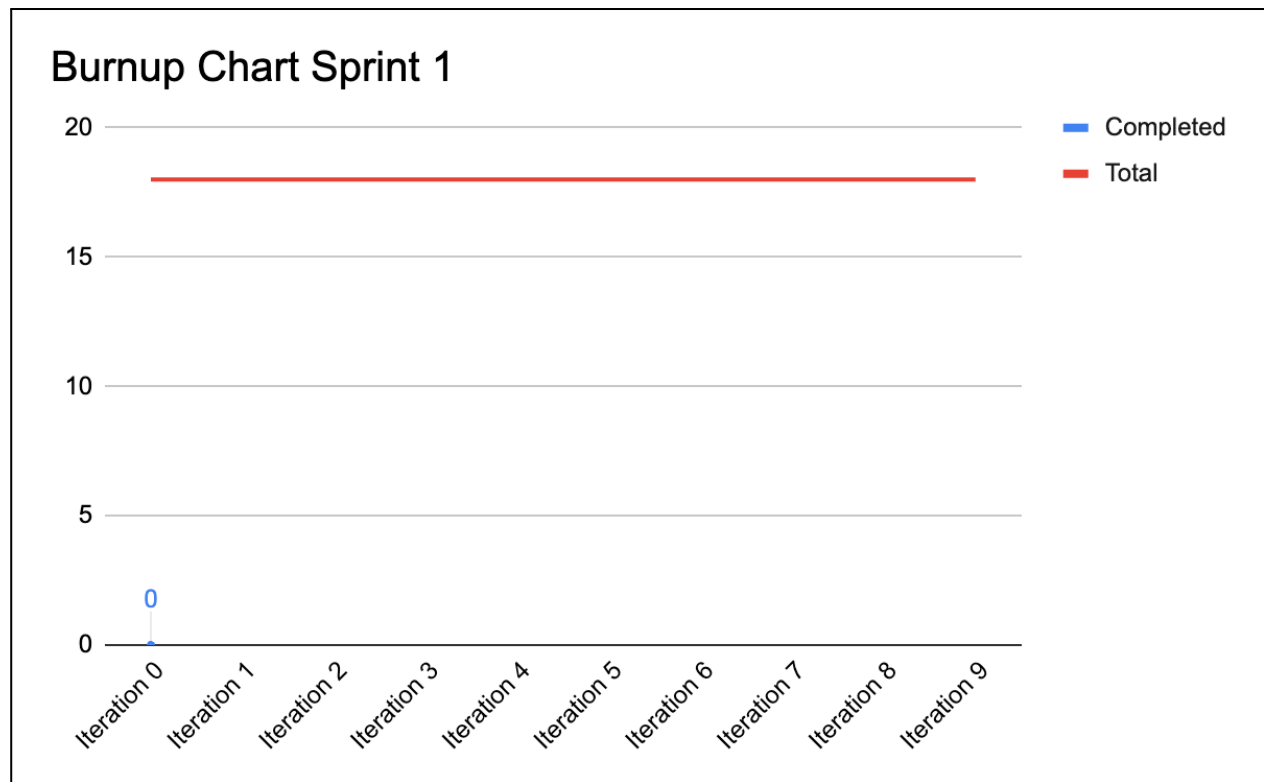
Initial scrum board: Also known as a task board, the scrum board is a physical board labeled as such with sprint number and project name and located in the lab. This board has four columns, titled user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it notes representing 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.
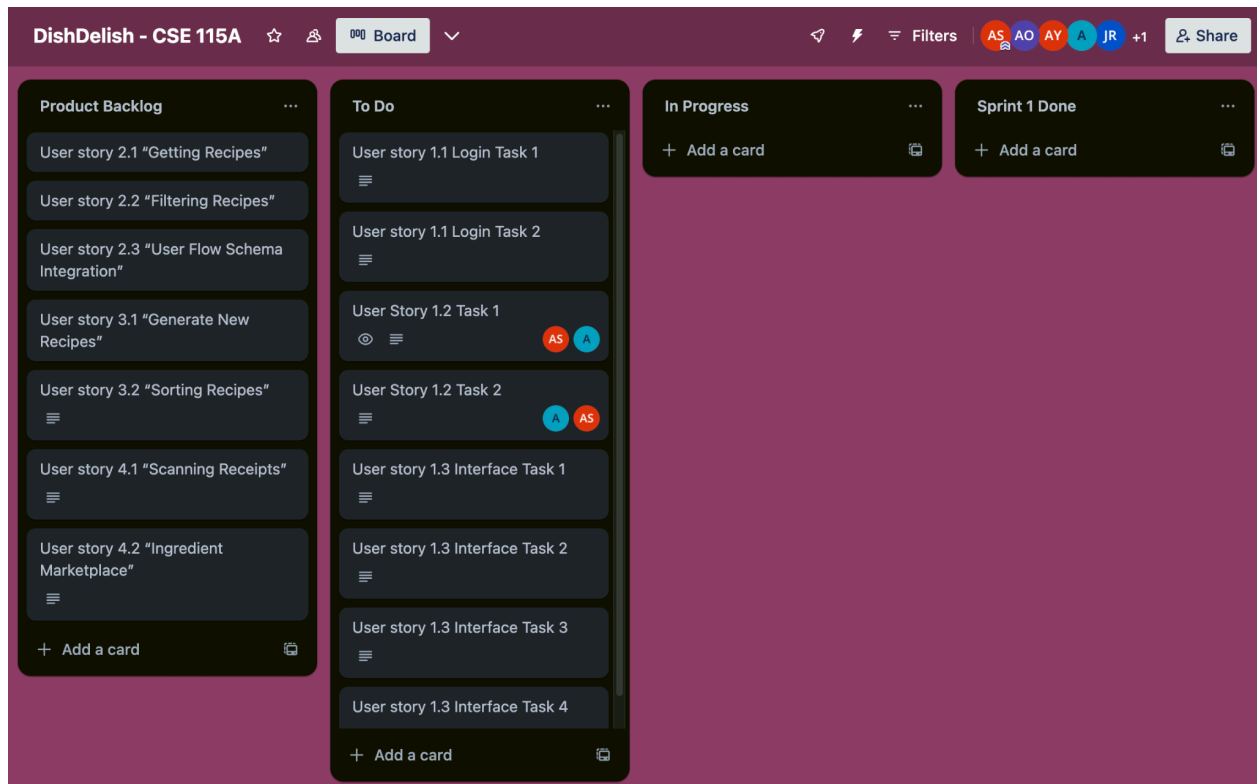
Scrum times: List at least the three days and times during the week when your team will meet and conduct Scrum meetings. Also, indicate which of these meetings will have the TA/tutor visit as arranged with the TA/tutor. It is expected the TA/tutor will visit during the Scrum meeting during your lab time.

- **Team Meeting** (Monday, 10 am - 11 am)
- **Meeting with TA** (Tuesday, 9:30 am - 10:30 am)
- **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.