

Sprint 3 Plan

Team: Jason (P.O.), Riley, Jacky, Karthik, Jerry, Erik (S.M.)

Release Name: Sprint 3

Release Date: 11/04/25

Sprint Completion Date: 11/19/25

Revisions Number: 4

Revision Date: 11/28/25

Goal: Implement a search function and a database for user reviews

User Story 1: As a student, I want to have a search function, so that I can find my favorite food (8)

Tasks	Description	Time est.
1	Implement real-time filtering (ie not search based on enter being pressed)	5 hours
2	Search page setup (like the menu pages but only for the food that was searched)	2 hours
3	Implement search dropdown suggestions and keyword highlighting (supporting word matching, clicking to highlight the entire word or the first word of the matched word)	5 hours
4	Display relevant search results in the search dropdown bar.	2 hours

User Story 2:As a student, I want a food rating system, so that I can tell what is the best option at the dining hall (5)

Tasks	Description	Time est.
1	Setup database (supabase) to store ratings	2 hours
2	Create ratings/stars component	30 min
3	Update menudetail	30 min
4	Style the stars and formatting	30 min
5	Update menucard component	1 hour

User Story 3: As a student, I want to be able to see the macros of the food available. (8) **(Finished in sprint 4)**

Tasks	Description	Time est.
1	Scrape macros from website	2 hours
2	Store macro information on database	1 hour
3	Implement macro calculator on website	4 hours

User Story 4: As a student, I want to have an easy to use website with accessible UI elements (8)

Tasks	Description	Time est.
1	Implement hero wallpaper landing page	30 min

2	Create dining hall picture buttons for navigation	10 min
3	Add a status banner indicating when locations are open or closed and when	2 hours
4	Improve dining hall picture button readability	15 min
5	Ensure dining hall picture buttons don't float and are centered	15 min

Team Roles:

- Jason: Project Owner, Back-end
- Karthik: Developer - Back-end
- Riley: Developer - Front-end
- Jerry: Developer - Front-end
- Jacky: Back-End/ Front-End dev
- Erik: Scrum Master, Developer - Front-end

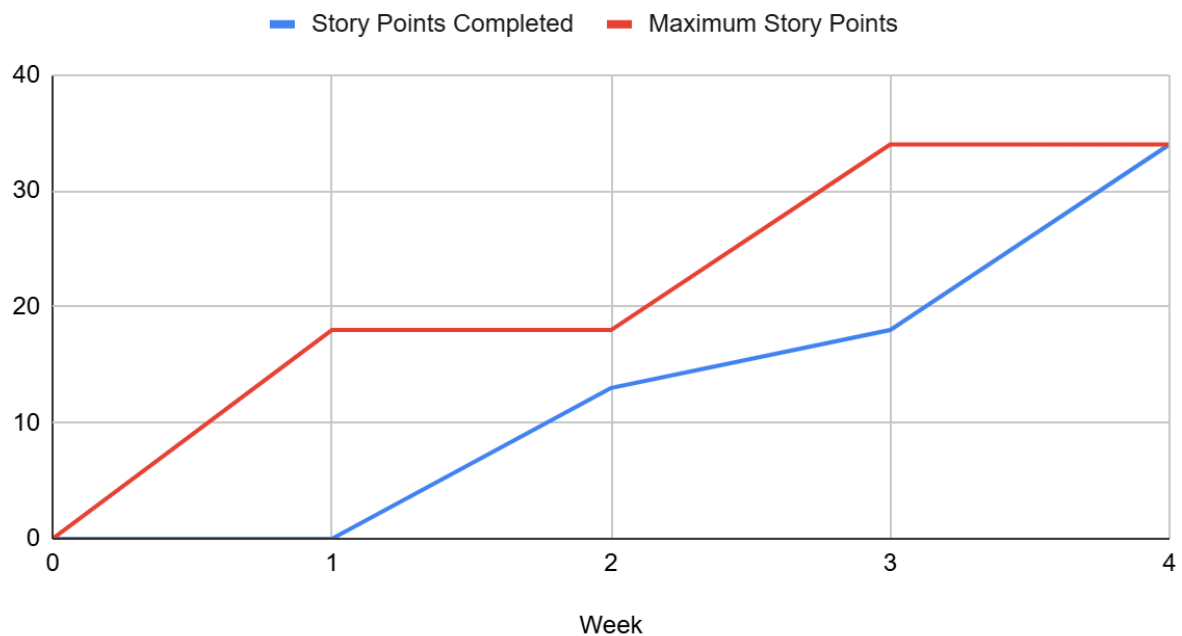
Initial Task Assignments:

- Karthik: Story 2 Task 1, Story 3 Task 1/2
- Jason: Story 2 Task 1
- Riley: Story 2 Tasks 2-5
- Jerry: Story 1 Task 1-4
- Jacky: Story 4 Task 1-6
- Erik: Story 4 Task 2

Initial Burnup Chart:

- (During start of week 5)

Story Points Completed and Maximum Story Points



Initial Scrum Board:

(For up to date Scrum Board look at Github Project Board)

Github Project:

<https://github.com/orgs/ucsc-dining-CSE115A/projects/4>

Scrum times:

- **11/05/25 (30 minutes)**
 - TA meeting
 - Finalized sprint 3 plans with
 - Chose to focus on ratings, macros, search, and UI
- **11/07/25 (15 minutes)**
 - Discussion of current work progress
 - Backend: set up supabase to store ratings
 - Front end: implementation of search function
 - Talked about macro calculator logic
- **11/09/25 (15 minutes)**
 - Status updates
 - Back end: worked on scraping of macro information and storing of it in supabase
 - Front end: added rating stars elements to website
- **11/12/25 (15 minutes)**
 - Status updates
 - Back end: finished macro scraping to include all items and nutrition info and update regularly
 - Front end: connected star rating UI to update supabase when clicked, finished search function
 - Preparations for sprint 4
 - Discussed what stories would continue into sprint 4 and what should be backlogged
- **11/14/25 (15 minutes)**
 - TA Meeting
- **11/16/25 (30 minutes)**
 - Created sprint 3 report and sprint 4 plan
 - Search function and ratings functions completed
 - Macros scraped, implementation of macros on website pushed to sprint 4