

# **SLUG GRUB**

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

**Release name:** Release Plan

**Release date:** 10/10/25

**Revision number:** 5

**Revision Date:** 11/28/25

## **High Level Goals:**

- Be able to access the school online menus
- Be able to store all the menu items into categories in a database
- Allow users to access the categories to find desired dishes and return availability locations

## **User Stories defining the scope of the release:**

- As a student, I want to navigate the dining hall menus from one location (website) so that I can save time

## **Complete list of user stories:**

- As a student, I want to navigate the dining hall menus from one location (website) so that I can save time
- As a student, I want to be able to see allergen and diet information so I can plan a meal that fits my restrictions
- As a student, I want to know what places is open and when things close so I know where to go and when I should plan to go
- As a student, I want to search by category so that I determine the variety of foods available
- As a student, I want to know which food is vegan, halal, vegetarian, so that I know what I can eat with my restrictions
- As a student, I want to have a search function, so that I can find my favorite food

- As a student, I want a food rating system, so that I can tell what is the best option at the dining hall
- As a student, I want to have an easy to use website with accessible UI elements
- As a student, I want a favorite foods list, so that I can come back to them
- As a student, I want to be able to see important information at a quick glance
- As a student, I want to be able to see future dates so I can plan my meals ahead
- As a student, I want to be able to see the macros of the food available.

<b>Sprint 1:</b>	<ul style="list-style-type: none"> <li>• As a student, I want to navigate the dining hall menus from one location (website) so that I can save time (13)</li> <li>• As a student, I want to know what places is open and when things close so I know where to go and when I should plan to go (5)</li> </ul>
<b>Sprint 2:</b>	<ul style="list-style-type: none"> <li>• As a student, I'd like to view and select relevant food information in an aesthetically pleasing way (core UI work) (8)</li> <li>• As a student, I want info handy (not visually pleasing yet) such as being able to select foods by category, see their detailed allergen and nutritional info, menus of other cafes and markets and location/hours (8)</li> <li>• As a student, I want to know what places is open and when things close so I know where to go and when I should plan to go (5) (<b>From Sprint 1</b>)</li> </ul>
<b>Sprint 3:</b>	<ul style="list-style-type: none"> <li>• As a student, I want to have a search function, so that I can find my favorite food (8)</li> </ul>

	<ul style="list-style-type: none"> <li>As a student, I want a food rating system, so that I can tell what is the best option at the dining hall (5)</li> <li>As a student, I want to be able to see the macros of the food available. (8) (<b>Finished in Sprint 4</b>)</li> <li>As a student, I want to have an easy to use website with accessible UI elements (5)</li> </ul>
<b>Sprint 4:</b>	<ul style="list-style-type: none"> <li>As a student, I want a favorite foods list, so that I can come back to them (8)</li> <li>As a student, I want to be able to see future dates so I can plan my meals ahead (8)</li> <li>As a student, I want to be able to see important information at a quick glance</li> <li>As a student, I want to login, so that I can save my preferences for food (13) (<b>Never finished, Moved to Backlog</b>)</li> </ul>

## Sanity Check:

- Team Capabilities:

Name	Capabilities	Limitations
Jason	<ul style="list-style-type: none"> <li>Familiar with: C and Python</li> </ul>	No experience in front end development
Riley	<ul style="list-style-type: none"> <li>C/C++, Python, Javascript/TypeScript, React, API integration</li> </ul>	
Karthik	<ul style="list-style-type: none"> <li>C/C++/C#, Python</li> <li>JavaScript</li> </ul>	
Jacky	<ul style="list-style-type: none"> <li>C/C++ &amp; Python</li> <li>Java</li> </ul>	
Jerry	<ul style="list-style-type: none"> <li>C/C++ &amp; Python</li> <li>Javascript</li> </ul>	Little bit purely front-end applications (static websites)

		blogs and resume websites that simply display content
Erik	C/C++	No front-end experience

## Product Backlog:

Priority	SLUG GRUB BACKLOG	Story Point approx.
1	As a student, I want to login, so that I can save my preferences for food	13
2	As a student I want to have a personal profile where I can show my preferences for food to everyone and share updates about my dining experience	8
3	As a student I want to see how busy a dining hall or cafe is so I can determine how long the wait might be	13
4	As a student I want to the website to show the dining halls and markets closest to me	8
5	As a student I want to have a personal profile where I can show my preferences for food to everyone and share updates about my dining experience	8

- **Front End: React**
- **Back End: Python**
  - **Supabase database**
  - **Beautiful soup Library**
  - **Selenium Library**

- **SPIKES**
  - **Leaning beautiful soup - Karthik & Jason**
    - **Sprint 1**
  - **Learning supabase - Karthik & Jason**
    - **Sprint 2**
  - **Navigating UCSC's menu html and finding / isolating the data that needed to be scraped (allergens, categories, macros) - Karthik & Jason**
    - **Sprint 1,2,3**
  - **Local mounting and saving with javascript - Riley (Sprint 3)**
  - **Fetching and receiving supabase data from table - Riley & Jerry (Sprint 3)**