Sprint 3 Materials

5B\_Bulbasaur

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# Retrospective Summary

The sprint was successful in general, with great progress being made on the project, and all the essential features were implemented on time. Branch management and pull requests really helped with organization and streamlined work, making sure backlog assignments stayed on track. Meetings were effective for keeping the focus and aligning the team. One of the notable successes was how the team managed to get around a roadblock in memory allocation by switching front-end deployment services, which showed adaptability and problem-solving skills.

One of the key challenges in previous sprints was splitting up interconnected tasks among the team, which initially created some inefficiency. This was resolved during the sprint as related tasks were assigned to the same person. This saved lots of time and reduced the amount of extra context that needed to be shared, smoothing out the workflow.

Also, the inconsistent implementation of similar functionalities contributed to the need for more uniform coding standards. While syntax rules were set up earlier, better enforcement would have enhanced consistency in the code. More realistic estimation of Jira points and clear prioritization of features would also optimize task management.

Going forward, a merge and pull approval system with set timelines would’ve been great for streamline collaboration. Establishing uniform coding practices and prioritizing critical tasks during sprint planning would’ve helped in managing the work better. Despite these challenges, the adaptability of the team and good communication meant a successful sprint that set a solid end for the project.

# GitHub Release Link

<https://github.com/CSCE331-Fall2024/project-3-team-5b/releases/tag/Final>

# Product Backlog

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Task | Status | Priority | Sprint Points | Time Estimate | Dependencies |
| Executive Summary | Completed | High | 1 | 1 hour | System Diagram, |
| System Diagram | Completed | High | 2 | 2 hour | None |
| Personas and User Stories | Completed | High | 3 | 3 hour | None |
| Interface Diagram | Completed | High | 4 | 4 hours | Personas and User Stories |
| Team Roles and Qualifications | Completed | High | 0.5 | 0.5 hours | None |
| Development Methodology | Completed | High | 1 | 1 hour | None |
| Planned Scope | Completed | High | 1 | 1 hour | Product Backlog |
| Task Breakdown and Scheduling | Completed | High | 4 | 4 hours | Product Backlog |
| References | Completed | High | 0.2 | 0.2 hours | Design Doc sections |
| Product Backlog | Completed | High | 5 | 5 hours | Personas and User Stories, system diagram, interface diagram |
| Initial Product Burn-down chart | Completed | High | 0.5 | 0.5 hours | Product Backlog |
| Set up the starter front end code and Github repository | Completed | High | 1 | 1 hour | Finalized Design Doc |
| Set up the starter back end code and Github repository | Completed | High | 1 | 1 hour | Finalized Design Doc |
| Design the Landing Page for Self-Service Order | Completed | High | 2 | 1-2 hours | Interface Diagram |
| Create the menu page | Completed | Medium | 5 | 3 days | Interface Diagram |
| Create a Reusable Menu Item React Component | Completed | Medium | 2 | 1-2 hours | Create the menu page |
| Fetch Menu Item Information from the Backend | Completed | Medium | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add a Navigation Bar for Customers | Completed | Medium | 2 | 1-2 hours | Design the Landing Page for Self-Service Order |
| Backend Should Process Menu Item Requests | Completed | Medium | 2 | 1-2 hours | Fetch Menu Item Information from the Backend |
| Create a Reusable Button Component for the Manager Interface | Completed | Medium | 2 | 1-2 hours | Create the manager landing page |
| Add Role-Specific Navigation Bar for Managers | Completed | Medium | 2 | 1-2 hours | None |
| Create the manager landing page | Completed | Medium | 2 | 1-2 hours | Add a Navigation Bar for Customers |
| Reuse the Customer Menu Item Component | Completed | Medium | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a Cashier-Specific Layout | Completed | Medium | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add Role-Specific Navigation Bar for Cashiers | Completed | Medium | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Implement Checkout Button (Non-Functional) | Completed | Medium | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Deploy the website | Completed | Medium | 1 | 1-2 hours | Set up the starter back end code and Github repository |
| Deploy the backend API | Completed | High | 1 | 3 hours | Set up the starter back end code and Github repository |
| Implement Google OAuth for Authentication (Backend) | Completed | High | 8 | 1-3 days | Set up the starter back end code and Github repository |
| Add Role-Based Redirect After Login (Backend) | Completed | High | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add Role-Based Navigation Bar Visibility (Frontend) | Completed | High | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Implement Logout Functionality (Frontend) | Completed | High | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Implement Login Page (Frontend) | Completed | High | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Implement fetch request for the login (Frontend) | Completed | High | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Add Allergen and Nutritional Information to Menu Items | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Display Allergen Alerts When Selecting Items | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Create an API endpoint that returns the menu item components with its ingredients |
| Create an API endpoint that returns the menu item components with its ingredients | Completed | High | 3 | 3 hours | Set up the starter back end code and Github repository |
| Implement Cart Functionality | Completed | High | 5 | 2 days | Set up the starter back end code and Github repository |
| Complete ordering functionality | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a Sales Reports Page | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Inventory Usage Report | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository, Create Get Inventory API Endpoint |
| Integrate Weather API for Manager Landing Page | Completed | High | 2 | 2 hours | Set up the starter back end code and Github repository |
| Create Get Inventory API Endpoint | Completed | High | 4 | 4-5 hours | Set up the starter back end code and Github repository |
| Create an inventory page that displays all the information of the ingredients | Completed | Medium | 2 | 1-2 hours | Set up the starter back end code and Github repository, Create Get Inventory API Endpoint, Create Add Inventory API Endpoint, Create Edit Inventory API Endpoint |
| Create Add Inventory API Endpoint | Completed | High | 2 | 2 hours | Set up the starter back end code and Github repository |
| Create Edit Inventory API Endpoint | Completed | High | 2 | 2 hours | Set up the starter back end code and Github repository |
| Create Frontend Form for Adding/Editing ingredients | Completed | Medium | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Validation and error handling for Add/Edit Inventory | Completed | High | 8 | 1-3 days | Set up the starter back end code and Github repository |
| Create Delete Inventory API Endpoint | Completed | High | 3 | 3 hours | Set up the starter back end code and Github repository |
| Create Frontend Button for Deleting Ingredients | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Create Delete Inventory API Endpoint |
| Error Handling for Ingredient Delete Operation | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create Admin Page Layout | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Add Buttons to Trigger Add or Edit Mode |
| Add Navigation Link to Admin Page in Manager Landing Page | Completed | High | 1 | 1 hours | Set up the starter back end code and Github repository |
| Create Add Employee API Endpoint | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Edit Employee API Endpoint | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Add Buttons to Trigger Add or Edit Mode | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Create Add Employee API Endpoint, Create Edit Employee API Endpoint |
| Design Unified Edit/Add Employee Form | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Handle Validation and Error Messaging in the Unified Form | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a landing page for the menu page | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design the Menu Items Page Layout | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Create Add Menu Item API Endpoint, Create Edit Menu Item API Endpoint |
| Create Add Menu Item API Endpoint | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Edit Menu Item API Endpoint | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Delete Menu Item API Endpoint | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Implement Menu Item Add/Edit Form with Conditional Logic | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add Buttons to Navigate to Menu Item Components | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design the Menu Item Components Page Layout | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Create Add Item Component API Endpoint, Create Edit Item Component API Endpoint |
| Create Add Item Component API Endpoint | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Edit Item Component API Endpoint | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Delete Item Component API Endpoint | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Implement Item Component Add/Edit Form with Conditional Logic | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Create Add Item Component API Endpoint, Create Edit Item Component API Endpoint |
| Manage Ingredients within Components | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a Reviews Section in the Menu Item Component | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Set Up Backend API to Retrieve Reviews | Completed | High | 5 | 5-4 hours | Set up the starter back end code and Github repository |
| Create Reviews database table | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Display Average Rating and Number of Reviews | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add a 'Leave a Review' Button to the Menu Item Component | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Build a Review Submission Form | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Implement Backend API for Review Submission |
| Implement Backend API for Review Submission | Completed | High | 3 | 1-3 hours | Set up the starter back end code and Github repository |
| Validate and Display Customer Reviews in Real Time | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a Review Summary Report for Managers | Completed | High | 5 | 5 hours | Set up the starter back end code and Github repository |
| Display the Review summary report under Reports Page | Completed | High | 4 | 4 hours | Set up the starter back end code and Github repository |
| Implement Frontend Form Validation | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Set Up Backend Error Handling | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Integrate Frontend Error Boundaries | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Automated Testing Suite | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create Order History Page | Completed | High | 8 | 1 day | Set up the starter back end code and Github repository |
| Develop Backend API to Fetch Order History | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Design Order Summary Cards or Table | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Implement Search and Filter Functionality | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Error Handling and Loading States | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Integrate Google Translate API into the kiosk interface | Completed | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create a dropdown menu on the landing pages and navigation bar for language selection | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Ensure all menu text, buttons, and labels dynamically update when a language is selected | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design icons and buttons with a larger-than-standard size | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Use universally recognized symbols for actions | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Develop a toggle switch on the main screen to enable high-contrast mode | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a separate high-contrast color scheme | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Ensure that all images, text, and icons adjust to the high-contrast setting | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add a text resizing feature on the main screen | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Ensure that resized text adapts fluidly across all layouts | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Test functionality with screen magnifiers | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Add a text resizing feature on the main screen |
| Provide a 'Text Size' button directly on each page | Completed | Medium | 5 | 4-6 hours | Set up the starter back end code and Github repository |
| Implement large, readable text settings | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add descriptive alt text to each image and icon | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Verify screen reader compatibility | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Integrate a text-to-speech (TTS) option | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add a 'Read Aloud' button next to each main section | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Ensure universal icons and symbols are easily understood | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design a streamlined layout with minimal elements per page | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Group related items for clarity | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design Display-Only Interface Layout for Multi-Display | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Develop a Responsive Layout to Adapt to Large Screens | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Implement Auto-Scroll or Slide Features | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Configure Backend for Real-Time Updates | Completed | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Ensure Consistency of Displayed Menu and Promotional Information | Completed | Low | 2 | 1-2 hours | Website completed |
|  |  |  | 291.2 |  |  |

Sprint Backlog

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Summary** | **Assignee** | **Status** | **Story point estimate** | **T** | **Time Spent** |
| [As a customer, I would like to receive allergen and nutritional alerts, so I can order safely.](https://331team5b.atlassian.net/browse/SCRUM-4) |  | Done |  | Story |  |
| [As a user, I would like to log in as either a manager or cashier, so I can access the Panda Express POS system.](https://331team5b.atlassian.net/browse/SCRUM-38) |  | Done |  | Story |  |
| [Implement Logout Functionality (Frontend)](https://331team5b.atlassian.net/browse/SCRUM-42) | athomas26 | Done | 2 | Task | 2 |
| [Add Allergen and Nutritional Information to Menu Items](https://331team5b.atlassian.net/browse/SCRUM-52) | briannabach | Done | 5 | Task | 5 |
| [As a customer, I would like to add the items to the cart, so I can checkout](https://331team5b.atlassian.net/browse/SCRUM-53) |  | Done |  | Story |  |
| [Display Allergen Alerts When Selecting Items](https://331team5b.atlassian.net/browse/SCRUM-54) | briannabach | Done | 5 | Task | 5 |
| [Integrate Weather API for Manager Landing Page](https://331team5b.atlassian.net/browse/SCRUM-58) | daniellam1702 | Done | 5 | Task | 3.00 |
| [As a manager, I would like to view the inventory, so I can manage the ingredients.](https://331team5b.atlassian.net/browse/SCRUM-59) |  | Done |  | Story |  |
| [As a manager, I would like to view the admin page, so I can manage employees](https://331team5b.atlassian.net/browse/SCRUM-60) |  | Done |  | Story |  |
| [As a manager, I would like to view the menu, so I can manage the menu items](https://331team5b.atlassian.net/browse/SCRUM-61) |  | Done |  | Story |  |
| [Create an API endpoint that returns the menu item components with its ingredients.](https://331team5b.atlassian.net/browse/SCRUM-63) | daniellam1702 | Done | 3 | Task | 2.00 |
| [Implement Login Page (Frontend)](https://331team5b.atlassian.net/browse/SCRUM-64) | boconnor2004 | Done | 2 | Task | 3.00 |
| [As a customer, I would like to view reviews for menu items, so I can choose the best option based on other customers' feedback.](https://331team5b.atlassian.net/browse/SCRUM-66) |  | Done |  | Story |  |
| [Create a Reviews Section in the Menu Item Component](https://331team5b.atlassian.net/browse/SCRUM-67) | boconnor2004 | Done | 3 | Task | 3.00 |
| [Set Up Backend API to Retrieve Reviews](https://331team5b.atlassian.net/browse/SCRUM-68) | boconnor2004 | Done | 3 | Task | 3.00 |
| [Create Reviews database table](https://331team5b.atlassian.net/browse/SCRUM-69) | boconnor2004 | Done | 2 | Task | 1.50 |
| [Display Average Rating and Number of Reviews](https://331team5b.atlassian.net/browse/SCRUM-70) | boconnor2004 | Done | 2 | Task | 2 |
| [As a customer, I would like to leave a review for a menu item, so I can share my feedback with others.](https://331team5b.atlassian.net/browse/SCRUM-71) |  | Done |  | Story |  |
| [Add a "Leave a Review" Button to the Menu Item Component](https://331team5b.atlassian.net/browse/SCRUM-72) | boconnor2004 | Done | 3 | Task | 1.00 |
| [Build a Review Submission Form](https://331team5b.atlassian.net/browse/SCRUM-73) | boconnor2004 | Done | 2 | Task | 2 |
| [Implement Backend API for Review Submission](https://331team5b.atlassian.net/browse/SCRUM-74) | boconnor2004 | Done | 3 | Task | 4.00 |
| [Validate and Display Customer Reviews in Real Time](https://331team5b.atlassian.net/browse/SCRUM-75) | boconnor2004 | Done | 2 | Task | 2 |
| [As a manager, I would like to monitor and analyze reviews for each menu item, so I can make data-driven improvements.](https://331team5b.atlassian.net/browse/SCRUM-76) |  | Done |  | Story |  |
| [Create a Review Summary Report for Managers](https://331team5b.atlassian.net/browse/SCRUM-77) |  | Done |  | Task |  |
| [Display the Review summary report under Reports Page.](https://331team5b.atlassian.net/browse/SCRUM-78) |  | Done |  | Task |  |
| [As a user, I would like a website with little to no errors, so I can have a smooth and reliable experience without interruptions.](https://331team5b.atlassian.net/browse/SCRUM-79) |  | Done |  | Story |  |
| [Set Up Backend Error Handling](https://331team5b.atlassian.net/browse/SCRUM-81) | athomas26 | Done | 4 | Task | 4 |
| [As a cashier, I would like to see the order history, so I can support the customer in case of any issue.](https://331team5b.atlassian.net/browse/SCRUM-85) |  | Done |  | Story |  |
| [Create Order History Page](https://331team5b.atlassian.net/browse/SCRUM-86) | briannabach | Done | 5 | Task | 5 |
| [Develop Backend API to Fetch Order History](https://331team5b.atlassian.net/browse/SCRUM-87) | briannabach | Done | 3 | Task | 3 |
| [Design Order Summary Cards or Table](https://331team5b.atlassian.net/browse/SCRUM-88) | briannabach | Done | 3 | Task | 3 |
| [Implement Search and Filter Functionality](https://331team5b.atlassian.net/browse/SCRUM-89) | briannabach | Done | 3 | Task | 3 |
| [Error Handling and Loading States](https://331team5b.atlassian.net/browse/SCRUM-90) | briannabach | Done | 2 | Task | 2 |
| [Create Delete Inventory API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-91) | xachariah | Done | 2 | Task | 2.00 |
| [Frontend Button for Deleting Ingredients](https://331team5b.atlassian.net/browse/SCRUM-92) | xachariah | Done | 1 | Task | 0.50 |
| [Error Handling for Ingredient Delete Operation](https://331team5b.atlassian.net/browse/SCRUM-93) | xachariah | Done | 1.5 | Task | 1.50 |
| [Create Add Inventory API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-94) | xachariah | Done | 2 | Task | 2.00 |
| [Frontend Form for Adding/Editing ingredients](https://331team5b.atlassian.net/browse/SCRUM-95) | xachariah | Done | 5 | Task | 5.00 |
| [Validation and error handling for Add/Edit Inventory](https://331team5b.atlassian.net/browse/SCRUM-96) | xachariah | Done | 1.5 | Task | 1.50 |
| [Create Edit Inventory API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-97) | xachariah | Done | 2 | Task | 2.00 |
| [Create Get Inventory API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-98) | xachariah | Done | 2 | Task | 2.00 |
| [Create an inventory page that displays all the information of the ingredients](https://331team5b.atlassian.net/browse/SCRUM-99) | xachariah | Done | 3 | Task | 3.00 |
| [Create Admin Page Layout](https://331team5b.atlassian.net/browse/SCRUM-100) | athomas26 | Done | 2 | Task | 2 |
| [Add Navigation Link to Admin Page in Manager Landing Page](https://331team5b.atlassian.net/browse/SCRUM-101) | athomas26 | Done | 1 | Task | 1 |
| [Create Add Employee API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-102) | athomas26 | Done | 4 | Task | 4 |
| [Create Edit Employee API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-103) | athomas26 | Done | 3 | Task | 3 |
| [Design Unified Edit/Add Employee Form](https://331team5b.atlassian.net/browse/SCRUM-104) | athomas26 | Done | 3 | Task | 3 |
| [Add Buttons to Trigger Add or Edit Mode](https://331team5b.atlassian.net/browse/SCRUM-105) | athomas26 | Done | 2 | Task | 2 |
| [Handle Validation and Error Messaging in the Unified Form](https://331team5b.atlassian.net/browse/SCRUM-106) | athomas26 | Done | 2 | Task | 2 |
| [Create a landing page for the menu page](https://331team5b.atlassian.net/browse/SCRUM-107) | daniellam1702 | Done | 2 | Task | 2.00 |
| [Design the Menu Items Page Layout](https://331team5b.atlassian.net/browse/SCRUM-108) | daniellam1702 | Done | 2 | Task | 2.00 |
| [Create Add Menu Item API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-109) | daniellam1702 | Done | 1 | Task | 1.00 |
| [Create Edit Menu Item API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-110) | daniellam1702 | Done | 2 | Task | 2.00 |
| [Create Delete Menu Item API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-111) | daniellam1702 | Done | 1 | Task | 1.00 |
| [Implement Menu Item Add/Edit Form with Conditional Logic](https://331team5b.atlassian.net/browse/SCRUM-112) | daniellam1702 | Done | 2 | Task | 2.00 |
| [Add Buttons to Navigate to Menu Item Components](https://331team5b.atlassian.net/browse/SCRUM-113) | daniellam1702 | Done | 1 | Task | 1.00 |
| [Design the Menu Item Components Page Layout](https://331team5b.atlassian.net/browse/SCRUM-114) | daniellam1702 | Done | 2 | Task | 2.00 |
| [Create Add Item Component API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-115) | daniellam1702 | Done | 2 | Task | 2.00 |
| [Create Edit Item Component API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-116) | daniellam1702 | Done | 2 | Task | 2.00 |
| [Create Delete Item Component API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-117) | daniellam1702 | Done | 1 | Task | 2.00 |
| [Implement Item Component Add/Edit Form with Conditional Logic](https://331team5b.atlassian.net/browse/SCRUM-118) | daniellam1702 | Done | 2 | Task | 4.00 |
| [Manage Ingredients within Components](https://331team5b.atlassian.net/browse/SCRUM-119) | daniellam1702 | Done | 2 | Task | 2.00 |
| [As a user, I would like to see the screen in high contrast, so I can see the website properly](https://331team5b.atlassian.net/browse/SCRUM-120) |  | Done |  | Story |  |
| [Ensure that all images, text, and icons adjust to the high-contrast setting](https://331team5b.atlassian.net/browse/SCRUM-121) | daniellam1702 | Done | 5 | Task | 6.00 |
| [Develop a toggle switch on the landing pages and navigation bar to enable high-contrast mode](https://331team5b.atlassian.net/browse/SCRUM-122) | daniellam1702 | Done | 2 | Task | 2.00 |
| [As a user, I would like to have the option to enlarge the text in the page, so I can see clearly each word](https://331team5b.atlassian.net/browse/SCRUM-129) |  | Done |  | Story |  |
| [Design icons and buttons with a larger-than-standard size](https://331team5b.atlassian.net/browse/SCRUM-130) | xachariah | Done | 1 | Task | 1.50 |
| [Create code to update the size of every text in the screen](https://331team5b.atlassian.net/browse/SCRUM-132) | xachariah | Done | 3 | Task | 4 |
| [Implement backend API endpoint to create an order](https://331team5b.atlassian.net/browse/SCRUM-133) | daniellam1702 | Done | 3 | Task | 7.00 |
| [Add backend API Endpoints for Sales report](https://331team5b.atlassian.net/browse/SCRUM-137) | xachariah | Done | 2 | Task | 2.00 |
| [Add backend API endpoints for Inventory usage report](https://331team5b.atlassian.net/browse/SCRUM-138) | xachariah | Done | 2 | Task | 2.00 |
| [Reports backend API](https://331team5b.atlassian.net/browse/SCRUM-139) |  | Done |  | Story |  |
| [Create Code documentation for each page, component, and backend functions](https://331team5b.atlassian.net/browse/SCRUM-140) | athomas26 | Done | 4 | Task | 4 |
| [Create a publicly-hosted wiki for communicating more technical low-level details of our repo](https://331team5b.atlassian.net/browse/SCRUM-141) | boconnor2004 | Done | 1 | Task | 1 |
| [Update the readme files explaining high level details of the repo](https://331team5b.atlassian.net/browse/SCRUM-142) | boconnor2004 | Done | 1 | Task | 1 |
|  |  |  | **145** |  | **150.5** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Team member | Sprint 1 | Sprint 2 | Sprint 3 Points | Total |
| Aidan Thomas (athomas26) | 12.45 | 20 | 27 | 59.45 |
| Brady O’Connor (boconnor2004) | 11.2 | 11 | 24 | 46.2 |
| Brianna Bach (briannabach) | 7.2 | 21 | 26 | 54.2 |
| Daniel Lam He (daniellam1702) | 14.7 | 14 | 40 | 68.7 |
| Zach Assad (xachariah) | 10.2 | 13 | 28 | 51.2 |

# Burn-down Charts

Appendix 1: SCRUM Meeting Agendas and Minutes

SCRUM Meeting 1 for Project 3

Prepared by: Daniel Lam He

Meeting Date: 11/22/2024

## Meeting Attendees

1. Aidan Thomas
2. Brianna Bach
3. Zach Assad
4. Daniel Lam He
5. Brady O’Connor

## Meeting Agenda Items

* Discuss about Expert Panel Report -> Brady and Brianna will interview a previous panda express cashier and Starbucks manager
* Discuss what tasks we plan working on.

## Status Update Since Last Meeting

Accomplishments:

* Magnification accessibility completed
* Weather API in the Manager page added

Tasks Completed:

|  |  |  |
| --- | --- | --- |
| **Task Description** | **Assigned to** | **Completed? (yes/no)** |
| Weather API in the Manager Landing page | Daniel Lam | Yes |
| Text magnifier | Zach Assad | Yes |

## Before The Next Meeting

Plans:

Task Assignments:

|  |  |
| --- | --- |
| **Task Description** | **Assigned to** |
| Backend API for inventory and sales report | Zach Assad |
| Nutritional information and allergen | Brianna |
| Backend API to fetch order history | Brianna |
| Employee Admin API | Aidan |
| Login Page | Brady |
| Backend Review table and API | Brady |
| High Contrast Mode | Daniel |
| API Endpoints for menu items and item components | Daniel |

## Minutes from Previous Meeting

In our previous meeting, we decided to push the high contrast mode and weather api to the beginning of this sprint because Daniel got sick. However, we aimed to have completely working parts of the website before the end.

SCRUM Meeting 2 for Project 3

Prepared by: Daniel Lam He

Meeting Date: 11/25/2024

## Meeting Attendees

1. Aidan Thomas
2. Brianna Bach
3. Zach Assad
4. Daniel Lam He
5. Brady O’Connor

## Meeting Agenda Items

* Updates of completed tasks
* Add task code documentation
* What we plan to have done before the Github release

## Status Update Since Last Meeting

Accomplishments:

* Finished high-contrast mode
* Finished Allergen alerts for each menu choice
* Employee management user interface skeleton completed

Tasks Completed:

|  |  |  |
| --- | --- | --- |
| **Task Description** | **Assigned to** | **Completed? (yes/no)** |
| High Contrast | Daniel | Yes |
| Menu Page for manager | Daniel | Yes |
| Updated login page | Brady | Yes |
| Allergen Alerts | Brianna | Yes |
| Backend endpoints for Order history | Brianna | In progress |
| Employee management User interface | Aidan | Yes |

## Before The Next Meeting

Plans:

* Have item components and menu items management completed
* Improve the user interface for employee management
* Add tasks for code documentation
* Have Reviews Completed
* Complete Nutritional facts for menu choices
* Complete the UI for Order History

Task Assignments:

|  |  |
| --- | --- |
| **Task Description** | **Assigned to** |
| Menu items management for Manager | Daniel Lam |
| Menu item components management for manager | Daniel Lam |
| Inventory and sales report api | Zach |
| Review section for each of the menu item api | Brady |
| Review section for each of the menu item frontend | Brady |
| Nutritional facts for menu choices | Brianna |
| Order history frontend | Brianna |
| Handle error, improve user interface for the employee management | Aidan |

## Minutes from Previous Meeting

Before the previous meeting, we completed the use of weather api and text magnification features for the website. In the previous meeting, we discussed our plans for the Expert Panel, such as experts we were going to interview. Moreover, we decided our goals for this sprint’s MVP, mentioning tasks we were planning to complete before 11/26/2024.

SCRUM Meeting 3 for Project 3

Prepared by: Daniel Lam He

Meeting Date: 12/01/2024

## Meeting Attendees

1. Aidan Thomas
2. Brianna Bach
3. Zach Assad
4. Daniel Lam He
5. Brady O’Connor

## Meeting Agenda Items

* Updates of tasks since previous sprint meeting
* Discuss the tasks that will be completed by the end of sprint
* Final presentation
* Retrospective meeting.

## Status Update Since Last Meeting

Accomplishments:

* Allergens and nutritional information completed
* Manage menu items completed

Tasks Completed:

|  |  |  |
| --- | --- | --- |
| **Task Description** | **Assigned to** | **Completed? (yes/no)** |
| Managing the menu items for manager | Daniel | yes |
| Allergen alerts | Brianna | yes |
| Nutritional information | Brianna | yes |
| Order history endpoints | Brianna | yes |
| Refactoring Backend | Aidan | Still working on it |
| Backend for reviews | Brady | working on it |
| might not be able to complete the ordering system endpoint | Brady | Reassign task request |
| Display ingredients in the manager view | Zach | completed |

## Before The Next Meeting

Plans:

* Have a completed Product before the end of sprint 3.

Task Assignments:

|  |  |
| --- | --- |
| **Task Description** | **Assigned to** |
| Order history | Brianna |
| Item component management | Daniel |
| Code Documentation | Aidan |
| endpoint for taking order | undefined |
| Reviews | Brady |
| edit/create/delete ingredients | Zach |

Final Presentation sections divisions:

1. Member introductions: All of us
2. Problem statement: Daniel
3. Tech Stack: Aidan
4. Accessibility features: Zach
5. Project Management: Daniel
6. Usability Reports: Brady
7. Demo Tour: Brianna

Dress Code: Business Casual

## Minutes from Previous Meeting

In the previous meeting we discussed updates of completed tasks, adding the task for code documentation, and tasks we plan to have done before the MVP GitHub release. We got the high-contrast mode, allergen alerts, and employee management completed. Finally, we planned several tasks such as Reviews functionality, menu items management, item component management, and inventory and sales reports api done before the end of this meeting.