Sprint 3 Materials

5B\_Bulbasaur

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Description automatically generated

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# Retrospective Summary

Summarize your retrospective meeting. Discuss what went right and wrong during the sprint, what changes (if any) need to be made regarding procedure, and what adjustments might need to be made to the product backlog. If backlog goals were not met, include an explanation of why not. The summary should be approximately 250 words.

# GitHub Release Link

Create a GitHub release of **a completely working version** of the software and include a link to your release here. Note that some features may not be included if they are scheduled for later sprints, but you must have a **minimum viable product (MVP)** that a user can give feedback on.

Remember to commit to your repository each time a new feature is added/modified. Items should not be marked as “complete” on your backlog until they have been pushed to your repository.

# Product Backlog

Your product backlog contains the list of tasks with their:

* priorities,
* dependencies,
* user story points (an estimate of effort involved from the unitless set {1, 2, 3, 5, 8, 13, 21}), and
* status {not started, in progress, completed}.

It should be updated continually throughout the project. Include the snapshot of the product backlog at the end of the sprint here.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 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 | Not Started | 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 | Not Started | 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) | Not Started | High | 8 | 1-3 days | Set up the starter back end code and Github repository |
| Add Role-Based Redirect After Login (Backend) | Not Started | High | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add Role-Based Navigation Bar Visibility (Frontend) | Not Started | High | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Implement Logout Functionality (Frontend) | Not Started | High | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Implement Login Page (Frontend) | Not Started | High | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Implement fetch request for the login (Frontend) | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository, Backend Login |
| Display Allergen Alerts When Selecting Items | Not Started | 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 | Not Started | High | 3 | 3 hours | Set up the starter back end code and Github repository |
| Implement Cart Functionality | Not Started | High | 5 | 2 days | Set up the starter back end code and Github repository |
| Complete ordering functionality | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a Sales Reports Page | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Inventory Usage Report | Not Started | 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 | Not Started | High | 2 | 2 hours | Set up the starter back end code and Github repository |
| Create Get Inventory API Endpoint | Not Started | 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 | Not Started | 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 | Not Started | High | 2 | 2 hours | Set up the starter back end code and Github repository |
| Create Edit Inventory API Endpoint | Not Started | High | 2 | 2 hours | Set up the starter back end code and Github repository |
| Create Frontend Form for Adding/Editing ingredients | Not Started | Medium | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Validation and error handling for Add/Edit Inventory | Not Started | High | 8 | 1-3 days | Set up the starter back end code and Github repository |
| Create Delete Inventory API Endpoint | Not Started | High | 3 | 3 hours | Set up the starter back end code and Github repository |
| Create Frontend Button for Deleting Ingredients | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create Admin Page Layout | Not Started | 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 | Not Started | High | 1 | 1 hours | Set up the starter back end code and Github repository |
| Create Add Employee API Endpoint | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Edit Employee API Endpoint | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Add Buttons to Trigger Add or Edit Mode | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Handle Validation and Error Messaging in the Unified Form | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a landing page for the menu page | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design the Menu Items Page Layout | Not Started | 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 | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Edit Menu Item API Endpoint | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Delete Menu Item API Endpoint | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Implement Menu Item Add/Edit Form with Conditional Logic | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add Buttons to Navigate to Menu Item Components | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design the Menu Item Components Page Layout | Not Started | 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 | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Edit Item Component API Endpoint | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Create Delete Item Component API Endpoint | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Implement Item Component Add/Edit Form with Conditional Logic | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a Reviews Section in the Menu Item Component | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Set Up Backend API to Retrieve Reviews | Not Started | High | 5 | 5-4 hours | Set up the starter back end code and Github repository |
| Create Reviews database table | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Display Average Rating and Number of Reviews | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Build a Review Submission Form | Not Started | 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 | Not Started | High | 3 | 1-3 hours | Set up the starter back end code and Github repository |
| Validate and Display Customer Reviews in Real Time | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a Review Summary Report for Managers | Not Started | High | 5 | 5 hours | Set up the starter back end code and Github repository |
| Display the Review summary report under Reports Page | Not Started | High | 4 | 4 hours | Set up the starter back end code and Github repository |
| Implement Frontend Form Validation | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Set Up Backend Error Handling | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Integrate Frontend Error Boundaries | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Automated Testing Suite | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create Order History Page | Not Started | High | 8 | 1 day | Set up the starter back end code and Github repository |
| Develop Backend API to Fetch Order History | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Design Order Summary Cards or Table | Not Started | High | 4 | 3-4 hours | Set up the starter back end code and Github repository |
| Implement Search and Filter Functionality | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Error Handling and Loading States | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Integrate Google Translate API into the kiosk interface | Not Started | 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 | Not Started | 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 | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Use universally recognized symbols for actions | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Create a separate high-contrast color scheme | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add a text resizing feature on the main screen | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Ensure that resized text adapts fluidly across all layouts | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Test functionality with screen magnifiers | Not Started | 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 | Not Started | Medium | 5 | 4-6 hours | Set up the starter back end code and Github repository |
| Implement large, readable text settings | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Add descriptive alt text to each image and icon | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Verify screen reader compatibility | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Integrate a text-to-speech (TTS) option | Not Started | 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 | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Ensure universal icons and symbols are easily understood | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design a streamlined layout with minimal elements per page | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Group related items for clarity | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Design Display-Only Interface Layout for Multi-Display | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Develop a Responsive Layout to Adapt to Large Screens | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Implement Auto-Scroll or Slide Features | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Configure Backend for Real-Time Updates | Not Started | Low | 2 | 1-2 hours | Set up the starter back end code and Github repository |
| Ensure Consistency of Displayed Menu and Promotional Information | Not Started | Low | 2 | 1-2 hours | Website completed |
|  |  |  | 291.2 |  |  |

Sprint Backlog

Your sprint backlog is a subset of the product backlog. It includes the list of tasks that were scheduled for the sprint. For each task, it provides:

* user story point value (from the product backlog),
* who assigned to,
* actual time spent, and
* status {not started, in progress, completed}.

It should also contain a **summary table** that shows the total number of completed user story points for each team member. The summary table should have a column for each sprint completed to date. These will be a factor in your individual contribution assessment.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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) |  | To Do |  | 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) |  | To Do |  | Story |  |
| [Implement Logout Functionality (Frontend)](https://331team5b.atlassian.net/browse/SCRUM-42) | athomas26 | Done | 2 | Task |  |
| [Add Allergen and Nutritional Information to Menu Items](https://331team5b.atlassian.net/browse/SCRUM-52) | briannabach | In Progress | 5 | Task |  |
| [As a customer, I would like to add the items to the cart, so I can checkout](https://331team5b.atlassian.net/browse/SCRUM-53) |  | To Do |  | Story |  |
| [Display Allergen Alerts When Selecting Items](https://331team5b.atlassian.net/browse/SCRUM-54) | briannabach | Done | 3 | Task |  |
| [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) |  | To Do |  | Story |  |
| [As a manager, I would like to view the admin page, so I can manage employees](https://331team5b.atlassian.net/browse/SCRUM-60) |  | To Do |  | 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) |  | In Progress |  | Story |  |
| [Create an API endpoint that returns the menu item components with its ingredients.](https://331team5b.atlassian.net/browse/SCRUM-63) | daniellam1702 | In Progress | 3 | Task |  |
| [Implement Login Page (Frontend)](https://331team5b.atlassian.net/browse/SCRUM-64) | boconnor2004 | READY TO REVIEW | 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) |  | To Do |  | Story |  |
| [Create a Reviews Section in the Menu Item Component](https://331team5b.atlassian.net/browse/SCRUM-67) | boconnor2004 | In Progress | 3 | Task |  |
| [Set Up Backend API to Retrieve Reviews](https://331team5b.atlassian.net/browse/SCRUM-68) | boconnor2004 | In Progress | 2 | Task |  |
| [Create Reviews database table](https://331team5b.atlassian.net/browse/SCRUM-69) | boconnor2004 | In Progress | 2 | Task |  |
| [Display Average Rating and Number of Reviews](https://331team5b.atlassian.net/browse/SCRUM-70) | boconnor2004 | To Do | 2 | Task |  |
| [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) |  | To Do |  | Story |  |
| [Add a "Leave a Review" Button to the Menu Item Component](https://331team5b.atlassian.net/browse/SCRUM-72) | boconnor2004 | In Progress | 3 | Task |  |
| [Build a Review Submission Form](https://331team5b.atlassian.net/browse/SCRUM-73) | boconnor2004 | To Do | 2 | Task |  |
| [Implement Backend API for Review Submission](https://331team5b.atlassian.net/browse/SCRUM-74) | boconnor2004 | In Progress | 3 | Task |  |
| [Validate and Display Customer Reviews in Real Time](https://331team5b.atlassian.net/browse/SCRUM-75) | boconnor2004 | To Do | 2 | Task |  |
| [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) |  | To Do |  | Story |  |
| [Create a Review Summary Report for Managers](https://331team5b.atlassian.net/browse/SCRUM-77) |  | To Do |  | Task |  |
| [Display the Review summary report under Reports Page.](https://331team5b.atlassian.net/browse/SCRUM-78) |  | To Do |  | 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) |  | To Do |  | Story |  |
| [Implement Frontend Form Validation](https://331team5b.atlassian.net/browse/SCRUM-80) | athomas26 | In Progress | 3 | Task |  |
| [Set Up Backend Error Handling](https://331team5b.atlassian.net/browse/SCRUM-81) | athomas26 | To Do | 4 | Task |  |
| [Integrate Frontend Error Boundaries](https://331team5b.atlassian.net/browse/SCRUM-82) | athomas26 | To Do | 3 | Task |  |
| [Automated Testing Suite](https://331team5b.atlassian.net/browse/SCRUM-83) | athomas26 | To Do | 5 | Task |  |
| [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) |  | To Do |  | Story |  |
| [Create Order History Page](https://331team5b.atlassian.net/browse/SCRUM-86) | briannabach | To Do | 5 | Task |  |
| [Develop Backend API to Fetch Order History](https://331team5b.atlassian.net/browse/SCRUM-87) | briannabach | Done | 3 | Task |  |
| [Design Order Summary Cards or Table](https://331team5b.atlassian.net/browse/SCRUM-88) | briannabach | To Do | 3 | Task |  |
| [Implement Search and Filter Functionality](https://331team5b.atlassian.net/browse/SCRUM-89) | briannabach | To Do | 3 | Task |  |
| [Error Handling and Loading States](https://331team5b.atlassian.net/browse/SCRUM-90) | briannabach | To Do | 2 | Task |  |
| [Create Delete Inventory API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-91) | xachariah | To Do | 2 | Task |  |
| [Frontend Button for Deleting Ingredients](https://331team5b.atlassian.net/browse/SCRUM-92) | xachariah | To Do | 0.5 | Task |  |
| [Error Handling for Ingredient Delete Operation](https://331team5b.atlassian.net/browse/SCRUM-93) | xachariah | To Do | 1.5 | Task |  |
| [Create Add Inventory API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-94) | xachariah | To Do | 2 | Task |  |
| [Frontend Form for Adding/Editing ingredients](https://331team5b.atlassian.net/browse/SCRUM-95) | xachariah | To Do | 5 | Task |  |
| [Validation and error handling for Add/Edit Inventory](https://331team5b.atlassian.net/browse/SCRUM-96) | xachariah | To Do | 1.5 | Task |  |
| [Create Edit Inventory API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-97) | xachariah | To Do | 2 | Task |  |
| [Create Get Inventory API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-98) | xachariah | To Do | 2 | Task |  |
| [Create an inventory page that displays all the information of the ingredients](https://331team5b.atlassian.net/browse/SCRUM-99) | xachariah | To Do | 1.5 | Task |  |
| [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 | To Do | 2 | Task |  |
| [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 | To Do | 1 | Task |  |
| [Design the Menu Item Components Page Layout](https://331team5b.atlassian.net/browse/SCRUM-114) | daniellam1702 | To Do | 2 | Task |  |
| [Create Add Item Component API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-115) | daniellam1702 | To Do | 2 | Task |  |
| [Create Edit Item Component API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-116) | daniellam1702 | To Do | 2 | Task |  |
| [Create Delete Item Component API Endpoint](https://331team5b.atlassian.net/browse/SCRUM-117) | daniellam1702 | To Do | 1 | Task |  |
| [Implement Item Component Add/Edit Form with Conditional Logic](https://331team5b.atlassian.net/browse/SCRUM-118) | daniellam1702 | To Do | 2 | Task |  |
| [Manage Ingredients within Components](https://331team5b.atlassian.net/browse/SCRUM-119) | daniellam1702 | To Do | 2 | Task |  |
| [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 |  |
| [Implement backend API endpoint to create an order](https://331team5b.atlassian.net/browse/SCRUM-133) | boconnor2004 | To Do | 3 | Task |  |
| [Add backend API Endpoints for Sales report](https://331team5b.atlassian.net/browse/SCRUM-137) | xachariah | In Progress | 2 | Task |  |
| [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) |  | To Do |  | Story |  |
|  |  |  | **145** |  | **42.5** |

# Burn-down Charts

Include two burn-down charts, one for the sprint and one for the product.

* Burn-down charts should be reported in **remaining user story points** (not number of tasks) and show both the user story points remaining and actual hours spent over time. Remember that user story points measure the *relative* estimated effort. They correlate to time spent (but are not equivalent to actual hours/specific units of time.)
* The initial sprint burn-down chart is created from the sprint backlog. It should be updated after each SCRUM meeting based on team member status and feedback. Thus it should contain at least 5 data points (the start of the sprint, 3 SCRUM meetings, and the end of the sprint).
* The product burn-down chart should be updated once during the sprint and again at the end of the sprint. Thus, by the end of the project’s 3 sprints, there should be at least 7 data points on the product burn-down chart (the start of each sprint, the middle of each sprint, and the end of each sprint).

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.