

Document Name: Sprint 1 Plan
Product Name: Restaurant Ordering System
Team Name: ROS
Sprint Completion Date: Oct 24. 2023
Revision Number: 2
Revision Date: Nov 3. 2023

Goal: Allow the admin system to add, edit, and delete items from the menu so that customers can view and add items to their cart.

Task listing, organized by user story:

User story 1 “As an admin, I want to add, edit, and delete menu items so that I can manage the menu”

Task 1 Create component that displays a card with the items image, name and price

Task 2 Allow admins to add items to the menu with the option for image, item name, price, description

Task 3 allow cards to be clickable and a modal opens up that allows admins to edit item description, name, image

Task 4 Create save and delete button inside the modal for when users add,edit,delete an item

Total for user story 1: (Total hours)

- Front end time estimation: 6-8 ideal work hours
- Back end time estimation:

User story 2 “As a customer, I want to view the menu so that I can place orders.”

Task 1 Create item cards that display items that admin have create

Task 2 Create a modal so that when users click on the item cards, it opens up and displays information about the item

Task 3 Create a temporary filter bar (no functionality yet) where users will later be able to filter by for example: Breakfast, Lunch, Dinner, etc.

Total for user story 2: 6 hours

User story 3 “As a customer, I want to add/remove items to/from my cart so that I can create an order.”

Task 1 Create a shopping cart that displays temporary table/order details with 3 buttons: order status, Help, Checkout

Task 2 Create item cards for shopping cart so that when users add items to cart, it displays in the shopping cart

Task 3 Create a counter so that users can have duplicates of the same item in the cart

Task 4 Allow users to remove item from cart

Total for user story 3:

User story 4 “As a customer, I want to experience a intuitive user interface.”

Task 1 Design wireframe for customer menu page, admin menu page, customer open item modal, order status modal, and admin item edit modal.

Task 2 Reorganize UI and pages to follow wireframe for better user experience

Total for user story 4: 4 hours

Team roles:

Team Andrew Song: Product Owner

Team Jeff Zhang: Scrum Master

Team Rixin Li: Developer

Team member Charith Velaga: Developer

Team member Ipsita Bisht: Developer

Initial task assignment:

Team Scrum Master Jeff Zhang: User story 2,4: Designed wireframes for all the user stories.

Setup all the routing and created a menu (frontend) so that customers can view items, click on them to open a modal with further information. Tidied up the UI to match wireframes for customer and admin menu pages.

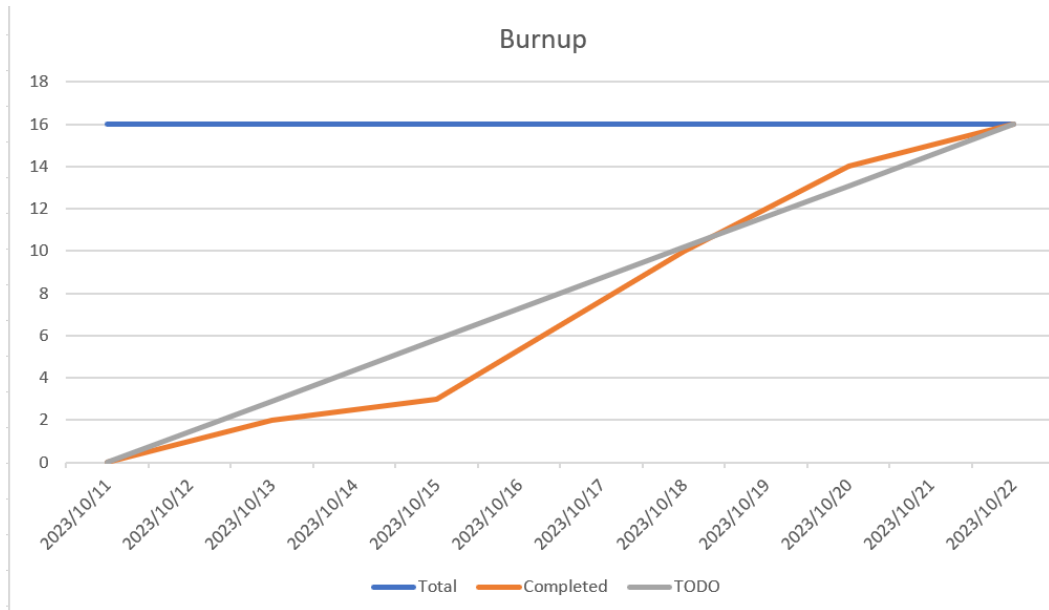
Team Developer Rixin Li: User story 1, connect frontend and backend to enable admin to interact with the database such as adding, editing and deleting menu items.

Team Developer Charith Velaga: User Story 3, create the shopping cart so that the User can add/remove items from the cart.

Team Developer Ipsita Bisht: User story 1, worked on frontend for adding items to the menu, edit item description, image, and name

Team Developer Andrew Song: User story 1, 2, Create protocols between the client and the server to communicate state changes from user stories 1 and 2

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.



Initial scrum board:

TO DO	IN PROGRESS 5	DONE 5 ✓
	<div>Backend: Enable customer to add/remove items to cart ROS115A-4 AS</div> <div>Backend: Enable customer to submit order ROS115A-5 AS</div> <div>Frontend: Create shopping cart UI + item cards for it ROS115A-8 CV</div> <div>Frontend: Create Menu Page for admin dashboard ROS115A-10 IB</div> <div>Backend: Setup the database ROS115A-12 EH</div>	<div>Backend: Enable Admin to add, edit, and delete menu items ROS115A-3 ✓ AS</div> <div>Backend: Create server and enable connections to clients ROS115A-6 ✓ AS</div> <div>Frontend: Create menu item cards with modal onClick() ROS115A-7 ✓ JZ</div> <div>Frontend: Create navbar component for admin dashboard ROS115A-9 ✓ JZ</div> <div>Frontend: Create filter component ROS115A-11 ✓ JZ</div>

Scrum times:

- Friday 3-4pm
- Sunday 12-1pm
- Wednesday 3-4pm