Sprint 2 Plan - Restaurant Ordering System

Document Name: Sprint 2 Plan
Product Name: Restaurant Ordering System
Team Name: ROS
Sprint Completion Date: Nov 7, 2023
Revision Number: 2
Revision Date: Nov 5. 2023

Goal: Allowing admins to define the number of tables, and tablets to select and display table availability through a grid UI, and to establish order management, enabling customers to submit orders, admins to view and process them with a drag-and-drop interface, and customers to track order status, including customizable orders.

Task listing, organized by user story:
User story 1 "As an admin, I want to manage table assignments so that I can control table occupancy"

1. Create data representation of tables via assigning unique IDs
2. Create a system that allows host to assign parties to tables
3. Create frontend to enable table assignments

Total hours for user story 1: 6

User story 2 "As an admin, I want to view incoming or status of orders so that I can monitor, and confirm orders."

1. Create a protocol for communicating orders between client and server
2. Have the server listen to kitchen systems and send updates to customer systems when updates are given
3. Hookup frontend to show visual changes to order status

Total hours for user story: 6

User story 3 "As a customer, I want to customize items in my cart so that I can personalize my order"

1. Enable customer to edit items in their cart
2. Send orders with their modified items to server, where server will then send to kitchen

Total hours for user story: 6

Team roles:
Andrew Song: Product Owner/Developer
Jeff Zhang: Developer
Rixin Li: Scrum Master
Charith Velaga: Developer
Ipsita BIsht: Developer
Eunice Hong: Developer

Initial task assignment:

Scrum Master Rixin Li: User story 1: Trying to connect frontend tables with backend database. In table page, making customers to see current tables' status and which available tables they would like to choose. After customers choose the table, they can have their current table number. In admin table page, the admin can operate how many tables currently have and their status, they can edit them if the server approved. Table page and admin page would be dynamic page based on the data from database.

Developer Jeff Zhang: User story 2: Create order status page in admin dashboard that allows admins to drag and drop menu items in pending, processing, and completed. Create order status modal for customers to see orders, pending, processing, and completed.

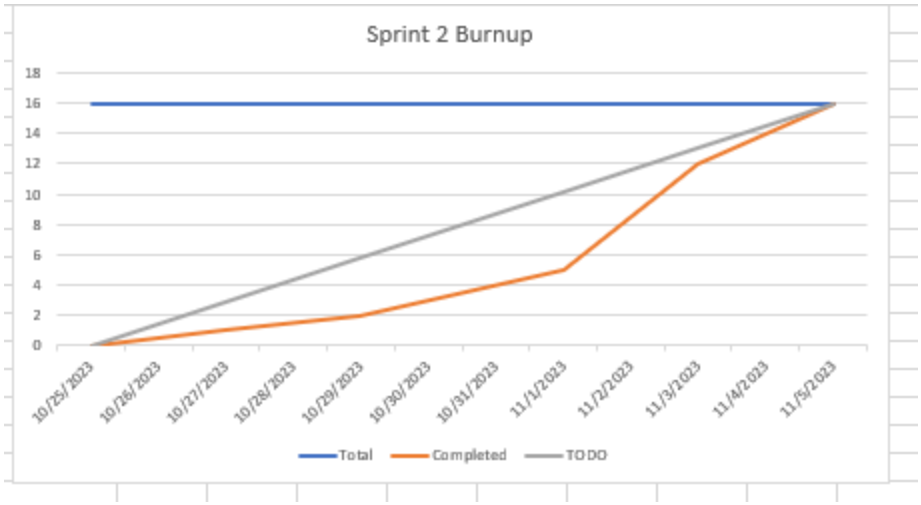
Developer Charith Velaga: User story 3: Create interface to allow admin to add categories and options for each category to each item in the menu as well as select if the category should allow only one or multiple items to be selected. This is then displayed on the customer side through the server and they can customize the item as allowed by the admin.

Developer Ipsita Bisht: User story 1: Created customer table selection page to set table as selected and able to deselect and admin table management page to enter num tables and edit availability, seats, name etc

Developer Eunice Hong: User Story 3: Extend the existing data schema to include order customization details. Develop functions to create, read, update, and delete order from the table in the database.

Developer Andrew Song: User Story 2: Develop a system that tracks all of the orders that have been submitted by users. For each order that is submitted, add it into a list. Show this list to the customers when they are ordering their items.

Initial burnup chart:



Initial scrum board:

Scrum times:

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