Sprint 4 Plan - Restaurant Ordering System

Document Name: Sprint 4 Plan
Product Name: Restaurant Ordering System
Team Name: ROS
Sprint Completion Date: Dec 05, 2023
Revision Number: 1
Revision Date: November 22, 2023

Goal: To enhance the user experience by allowing customers to bookmark and comment on favorite items, provide admins with comprehensive analytics on sales and menu trends , and enable customers to schedule and manage online deliveries with accurate estimated times .

Task listing, organized by user story:
User story 1 "As a customer, I want to be able to bookmark my favorite items and make comments

1. Customers can bookmark items on the menu
2. Customers can view their own personal bookmark page and view the items they bookmarked (Clicking the item brings them to that items page)

Total hours for user story 1: 4 hours

User story 2 "As an admin, I want to be able to see analytics regarding sales, popular menu items, and any trends."

1. Show menu items for Popular Menu Items and display in landing page
2. Display Total Orders, Number of guest served, Average Customer spending in admin dashboard
3. Allow admins to filter data by day/week/month/year

Total hours for user story: 6 hours

User story 3 "As an customer, I want to be able to schedule and manage deliveries customers may order online."

1. When checking out for online delivery, users can select what time they want order delivered.
2. Customers can receive an estimated deliver time based on their location
3. Admins can view delivery address of customer requesting delivery with gps to customer location

Total hours for user story: 8 hours

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

Eunice Hong: Developer

Initial task assignment:
Developer Rixin Li: Work on users estimated delivery time based on their location and allow customers to select when they would want the order to be delivered.

Developer Jeff Zhang: Allow admins to view delivery address of customer requesting delivery with gps to customer location and continue working on previous sprint 3 tasks of viewing each individual user history.

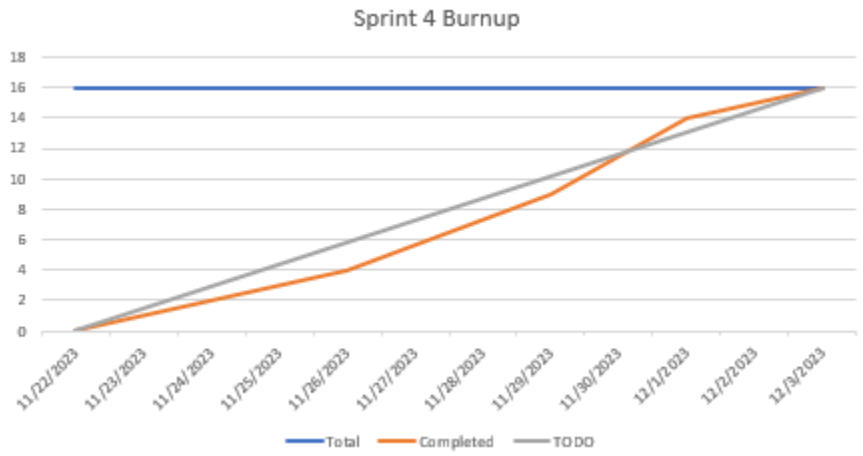
Developer Charith Velaga: Work on a broadcasting system that allows the admin to display announcements to the user and the Customer help function

Scrum Master Ipsita Bisht: Created admin dashboard to include admin view of order statuses and basic analytics on restaurant revenue, completed orders, pending, etc

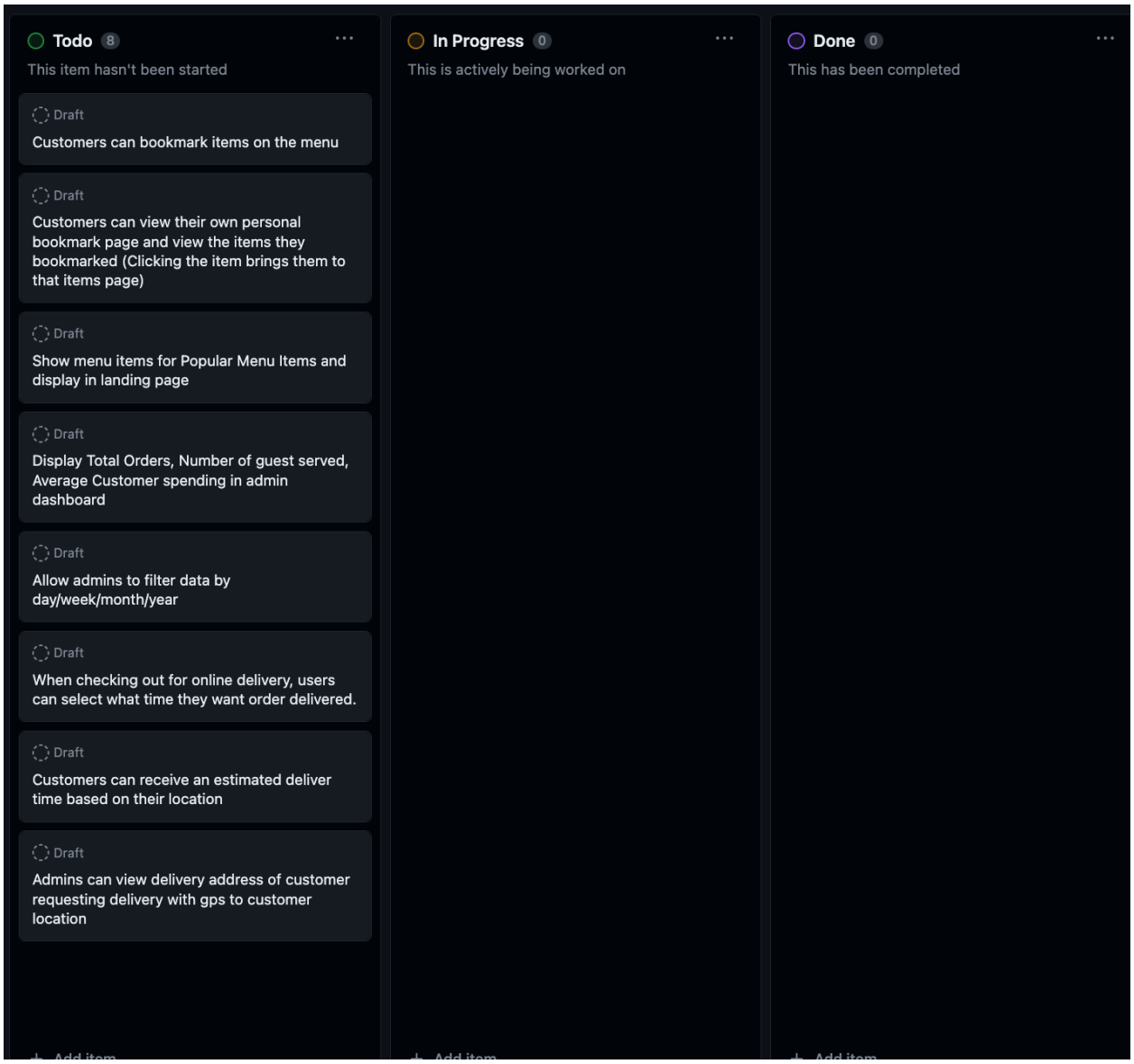
Developer Eunice Hong: Allow customers to bookmark menu items and to make comments on menu items.

Developer Andrew Song: Created shopping cart system that allows user to add and remove items to the shopping cart. Hooked up frontend shopping cart to display price breakdowns. Created system to keep track of order statuses (carried over from sprint 3). Created server methods that allow live price updates that reflect on customers menus at real time

Initial burnup chart:



Initial scrum board:



Scrum times:

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