

Sprint Review — Sprint 2

Sprint goals

Include the sprint goals set during sprint planning and evaluate progress as a team.

When checking out a receipt is printed

- POS printer was setup and integrated
- Output from checkout is formatted correctly
- A receipt comes out of the printer

Staff can manage the inventory

- Real time menu item resource tracking
- Resource can be added

Promotional system can be used in checkout

- Customer can add promo code and checkout with a discount
- Expired promos are rejected

Create development tools for productivity

- Tests data has been created and can be added
- Pre commit prevents pushing to main
- CI works with GitHub actions
- Basic error logging

Demos

| Demo | Feedback |
|--------------------------------|---|
| Work item you are demoing | Questions and comments from the team |
| Full customer checkout process | Responses for most endpoints need to be improved How is concurrency handled? How does the restaurant owner integrate their payment (credit/debit etc) processor? No payment input validation Need to expand menu “categories” drinks/sides/main Need to be able to apply multiple categories to a menu item How to customize orders (when ordering a salad, how to specify dressing) Need tests to validate payment calculations Orders should have a completed date and time |

| | |
|--------------------------------------|---|
| Receipt printing system | What about printing the kitchen ticket? Date should be included Order type should be included |
| Github actions running tests on push | Can this be restricted to only run when certain directories are updated? It runs even when docs are updated |
| Adding test data to the db | How should dates be handled with test data? Logs when adding test items fail are not descriptive enough. db id's always increment, is this an issue? Deleting all db data should require some kind of validation |

Complete tasks

Mark work items “Done” that met acceptance criteria. For items that need more work, determine if they will move to the next sprint or back to the backlog.

- Guest checkout without account creation
- Shopping cart add/remove functionality
- Order_id browser session persistence
- Daily revenue by date range endpoint
- Dish popularity by order count analysis
- Average rating per menu item calculated
- ESC/POS thermal printer integration
- Restaurant configuration
- Tax calculation and application
- Receipt formatting and layout
- Staff stock update endpoints
- Real-time availability calculation
- Inventory tracking
- Promo code with discounts
- Expired/invalid promo rejection
- Checkout with tax calculation
- Final total computation
- Test data generation scripts
- CI/CD pipeline with GitHub Actions
- Error handling and logging system

Upcoming

Add action items coming out of the sprint review meeting

Payment integration

Print the kitchen receipt

Email receipt system for delivery orders

User authentication for staff/admin endpoints

Validate inputs

Any update to an order after completion needs to recalculate the total