

Coffee Christopher Ops Suite

Sprint Deliverables: Week 3

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Week 3 — Proposal + Initial Backlog

Date: 01/23/2026 **Deliverables:** Proposal Completed + Initial Backlog (Features)

Proposal Summary

Project Overview

Coffee Christopher Ops Suite is a single web application that provides:

- QR-based digital menu and ordering experience for customers
- Admin portal for menu management
- Sales + inventory tracking dashboard
- (Stretch) Loyalty/rewards system

Problem Statement

Customers often lose time waiting to view menus and place orders. On the business side, limited sales visibility and manual inventory tracking can contribute to waste and margin loss, especially with perishable items like milk that expire.

Benefits

1. **Faster service / reduced waiting** — QR ordering reduces wait time and improves efficiency
2. **Rapid menu updates** — Digital menus make it easy to update items and pricing quickly
3. **Better margins** — Inventory management helps reduce food waste and improve profits

Success Criteria

Customer can scan QR, customize an item, and place an order in less than 90 seconds (3 timed trials)

Admin can add/edit an item and publish it live in less than 2 minutes
Dashboard correctly shows daily, weekly, monthly, and yearly sales totals and top 5 items
Inventory module supports up to 20 ingredients with thresholds and produces low-stock alerts
(Stretch) Loyalty: points accrue/redeem for 10 test users with 0 calculation errors

Initial Backlog: 5 Epics, 29 Features

1: Customer QR Menu & Ordering (7 features)

Feature	Description
QR Code Access	Scan QR to open mobile web menu
Menu Browsing	View items organized by categories
Item Details	See description, price, and options
Item Customization	Select modifiers/options (milk type, size, etc.)
Cart Management	Add items, adjust quantities, remove items
Order Submission	Place order from cart
Order Status View	Track status: Sent → Preparing → Ready

2: Admin Portal / Menu Management (5 features)

Feature	Description
Item CRUD	Create, read, update, delete menu items
Category Management	Organize items into categories
Pricing Management	Set/update item prices
Availability Toggle	Mark items as available or sold-out
Live Publishing	Changes reflect immediately for customers

3: Sales Dashboard (7 features)

Feature	Description
Daily Totals	View sales total for current/selected day
Weekly Totals	View sales total for current/selected week
Monthly Totals	View sales total for current/selected month
Yearly Totals	View sales total for current/selected year
Top-Selling Items	Display top 5 items by volume/revenue
Order Volume Trends	Charts showing order patterns over time
Visual Reports	Graphs and charts for data representation

4: Inventory Tracking (6 features)

Feature	Description
Ingredient List	Manage list of ingredients (<20 to start)
Par Levels	Set minimum threshold for each ingredient
Low-Stock Alerts	Notifications when inventory drops below par
Manual Count Entry	Input current inventory counts
Supplier Linking	Track where ingredients come from + cost
Audit Logging	Record changes for accuracy/accountability

5: (Stretch) Loyalty/Rewards (4 features)

Feature	Description
Customer Accounts	Registration with name, phone number, email
Points Accrual	Earn points on purchases
Points Redemption	Redeem points for rewards
Regulars List	Track frequent customers (CRM-lite)

