

Dan's Cafe WebAssembly Workshop

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Overview

Welcome to Dan's Cafe!

Dan's Cafe is just getting started in your local city and Dan has decided he wants to take a fresh perspective on how he serves up his beans.

This project will enable Dan to ensure his customers have the best experience and are able to always enjoy their favourite snacks and beverages.

A customer should be able to:

- Order a beverage or snack from the menu
- Register as a customer for extra benefits
- Remotely order a beverage for pick up at the store.
- Browse the menu and choose from a selection of beverages and snacks
- Browse their account and see their award progress.

Dan and his team need to be able to:

- Use a standard POS system to bill his customers
- Generate end of day and hourly reports of his sales
- Generate end of day and hourly reports of customer rewards
- View the inventory and order new stock when inventory gets low.
- Apply customer rewards to purchases.

This platform will be built around 2 main applications:

- Customer Portal
 - We will create modules for:
 - the menu
 - Purchases/Shopping Cart
 - Purchase Alerts

- User account
- Rewards
- Admin Portal
 - We will create modules for:
 - Inventory
 - Reports

An API Gateway will be used to route to the backend web services that support the platform.

There will be some jobs that run hourly and at the end of the day to generate the reports and store them to online storage.

Road to WebAssembly