**GUI Layout/Navigation**

A screenshot of a computer

AI-generated content may be incorrect.

These are the details laid out for how all the GUI screens are going to navigate towards each other

There’s both the web browser customer ordering, and

The POS System with the screen GUIs for an employee login

**GUI Login Screen**

A login screen with a truck logo and a sign

AI-generated content may be incorrect.

This will allow employees and managers to login to the POS system

Employees will be taken directly to the “**Ordering Screen**” or “**Kitchen Display Screen**” (KDS) depending on their job.

Managers will be taken to “**Management Page**” with options to be directed from there.

**Management Page**

A screenshot of a computer

AI-generated content may be incorrect.

Available only for employees with management credentials.

Provides options to move to the following pages.

The “**Ordering Screen**” this is available to employees.

A “**Management Analytics**” page to track sales & costs.

A “**Menu Builder**” page, to add items to the menu.

**Management Analytics**

A screenshot of a computer

AI-generated content may be incorrect.

Available only to managers.

Provides basic sales and employee records

**Menu Builder**

A screenshot of a computer

AI-generated content may be incorrect. **A white background with black text

AI-generated content may be incorrect.**

Available only to managers.

Provides a way to add items to the menu

**Loyalty Login**

A screenshot of a sign up form

AI-generated content may be incorrect. A close-up of a message

AI-generated content may be incorrect.

**Python Ordering GUI**

A screenshot of a food truck

AI-generated content may be incorrect. A screenshot of a menu

AI-generated content may be incorrect.

**Python Payment GUI**

A screenshot of a card number

AI-generated content may be incorrect. A screenshot of a card

AI-generated content may be incorrect.

**Kitchen Display Screen (KDS)**

A screenshot of a computer screen

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Displays orders that have been taken.

**HTML Ordering Page**

A screenshot of a menu

AI-generated content may be incorrect.

Serves same purpose as the “**Python GUI Ordering Page**” but available for online ordering

**HTML Payment Screen**

A screenshot of a computer

AI-generated content may be incorrect.

Provides a place for the user to enter in their card information, as well as a zip code.

A place for signing up for loyalty rewards:

Email, Phone Number and optional tips.

A payment button.

**HTML Loyalty Signup**

**A screenshot of a login form

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Database Schematic

**Architecture:**

* Application is a hybrid of web based and hardware based
* Customers can use the online portal to order ahead of time
* In-person customers can use the POS to place their order
* A SQL database server will collect all information for storage
* Employees will have access to a Kitchen Display System for order tracking and truck analytics

**Required Hardware:**

* RaspberryPi
* Power outlets for POS and KDS
* Internet Access Point
* Optional touch screen to take orders and screen to display the HTML menu