Application Overview

You are building an application to streamline the communication between a small organic vegetable farm and their customers. By utilizing an extendable crop library, the farmer will save time producing inventory pages to send to customers, reducing the number of emails customers need to ensure they are getting the produce they want and need.

The farm uses Excel spreadsheets to manage records and revenue, and so the communication between customers and farmers was chosen because it exists as a kind of separate loop: the data comes out of the spreadsheets, and goes back in once orders have been finalized.

Since small-scale agriculture depends on the relationship between the farmers and their customers, there is not a desire to remove the human interaction, but to lessen the burden on the farmer and the customer.

Users

User Type	Description
Farmer	Farmers maintain the inventory list and provide detailed descriptions of the available produce.
Restaurant Customer	Customers view the available inventory in the app and are able to place orders

Minimum Viable Product

The following User Stories are the functionality required to build the "Minimum Viable Product".

All must be completed in order for the project to be successfully completed.

Log In

As a customer, I need the ability to log in so that I can use the system to manage my personal information.

As a farmer, I need the ability to log in so that I can use the system to update the produce inventory and see customer orders.

View Produce Inventory

As a customer or a farmer I can view the produce inventory and see what is available for purchase.

Add New Inventory

As a farmer I can add new vegetables to my inventory so that my customers know they are available.

Each inventory entry should contain:
- Name
- Description
- Amount including units
- Cost per unit
- Average size of each vegetable

Update Produce Inventory

As a farmer I can update an existing entry for a type of produce.

Add to Cart

As a customer I can add a produce item to my shopping cart because I want to order it.

Save Cart

As a customer I can save my shopping cart so I can come back to it later.

View Cart

As a customer I can view the items in my shopping cart so that I can decide if I'm ready to complete my order.

View Past Orders

As a customer I can view all of my previous orders so that I can order items again.

Complete Order

As a customer I can submit my order after placing items in my shopping cart so that it can be filled by the farmers.

View Orders

As a farmer, I can view orders submitted by customers so that they can be filled and delivered.

Send Emails to Customers

As a farmer I can send custom emails to customers so that I can update them on the status of their order..

Send Confirmation Email

As a customer I should receive a confirmation email once my order has been submitted.

Save Emails for reuse

As a farmer I can save canned messages so that I can send them to customers at a later time.

Optional Features

The following User Stories are ideas for optional features that can be added to the application after all MVP functionality is complete.

Mobile Interface Enabled

Customers may find it beneficial to navigate the site using their mobile device.

Farmers may find that it is helpful to interact with the inventory interface from their mobile device if not at their desk.

Functionality in the mobile interface should be simplified to reduce clutter.

Photo Attachments

Farmers can capture a picture of the produce as it is picked to put in the inventory.

Read Excel Spreadsheet

Farmers can import an Excel spreadsheet to update produce inventory.

Repeat Orders

Customers and create repeating orders.
- Will populate the order form noting items that are not available.