Scope Document

This product is designed to help small to medium sized businesses who sell products on on-line marketplaces. It is designed to simplify the import of products, the listing of products, the tracking of sold products, and the fulfilment of orders.

This project will deliver a system where users of the system can:

* Register through a landing page with:
  + Software product information.
  + Software pricing information.
* Submit and store payment method.
* Recover password through:
  + Sending email to email address of record.
* Login with:
  + Username
  + Password
* Manage account specifics:
  + First name
  + Last name
  + Email Address
  + Package Information
* Perform Some/All CRUD operations on:
  + Users
    - Username
    - Password
    - Email Address
  + Vendors
    - Name
    - Address 1
    - Address 2
    - City
    - State
    - Zip
    - WebSite
  + Receipts
    - Vendor
  + Inventory Items
    - Name
    - Vendor
    - Code
    - Quantity
    - Cost
  + Market Credentials
    - ApiKey
    - ApiSecret
  + Listings
    - Market
    - Foreign Id
    - Inventory Item
    - Listed Price
    - Accepted Price
    - Date Listed
    - Date Sold
  + Sold Items
    - Inventory Item
    - Market
  + Customers
  + Fulfilment Orders

**Automations:**

**Inventory:**

There is a component that will scan a vendor receipt and enter the inventory items through a guided process.

The user scans a receipt with their phone. The system will break this receipt into columns. The system self-identifies as many columns as possible. The system will present its findings to the user and ask for acceptance as is or after updates.

**Listing:**

The user should be able to select a product and one or more markets they want to sell that product. The system should be able to produce a market listing for those products with as little user input as possible.

**Tracking:**

The system should be able to communicate with the users market accounts to track sales of items which would then produce a sold item record, customer record, and fulfilment record.

The result of an item being sold should also update any/all of the market records related to this product. If/When the inventory quantity is exhausted, the listings should automatically be removed from the market.

**Fulfilment:**

The system will create fulfilment orders which can be viewed to simplify the packaging and mailing of the product.

**Reporting:**

The system should be able to pull relevant reports from the users markets and display the results.