Project Documentation for Team 3

Inventory Management System

# Project Statement

The Inventory Management System (IMS) is an application designed to organize the company’s customer transactions, manage and update the inventory, and allow adjustments to be made to the companies suppliers and item database.

This will include the ability for new users to create an account. Returning users will be able to login and apply to reset their password. Customers will be allowed to create orders, which store item information they wish to buy, and subsequently purchase the order.

Employees will be able to take deliveries, approve them, and update the inventory with it. Employees will also be allowed to add new items and set item categories. Admins will be allowed to update the supplier list as to add new suppliers to the business.

# Business Cases

The project will consolidate user access into one application. Both employee users and customer users can access the application at the same time. And all users will be able to see updates to the database in real time as they use the application.

This application will make user access simpler and easy to use. Employees will be able to approve a delivery in a few simple steps and automatically adjust the inventory. Allowing employees to more efficiently log deliveries and update supplies. Customers will also better, more streamlined navigation, increasing their customer experience. Admins will have more access to systems, and be allowed to update the supplier list from their interface. And access to information will be restricted based on the type of user, preventing unauthorized users from making changes to systems they should not be allowed access.

# Project Requirements

* User can log in and interact with system
* New Users can create account
* User can use password reset
* Determine what type of user logged in
* Show specific views passed on user type
* Employees can add, update, delete, categorize items
* Admins can add suppliers
* Customers can create an order, add items and their quantity to the order.
* Employees can log deliveries
* Customers create transactions upon completing their order

# Application Structure

