**Inventory Audits: User Requirements**

4.1 The system shall provide tools for conducting cyclic inventory audits.

4.2 Users shall be able to initiate and complete audits, reconciling physical counts with recorded inventory.

**System Requirements**

4.1.1. User Interface Requirement: The system shall provide an interface on a device for the employee to use, that allows the user to search for the desired item, and see what the item is, the part number, and which area the item is located in.

4.1.2: User Selection Requirement: The system shall allow the user to select a specific item and find which stores are carrying the item or what warehouse building has the item, also showing which isle the items are in.

4.1.3: Accuracy Requirement: The system shall be accurate and have a lot percentage rate of failure.

4.1.4: Percentage Audit Requirement: The system shall allow the user to select how much of all the inventory is checked each month, choosing from 10-100% range.

4.2.1. Physical Count Requirement: The system shall allow users to use barcode scanners, which will then communicate with the user interface when conducting cyclic inventory audits.

4.2.2 Final Count Analysis Requirement: The system shall allow the user to conduct a warehouse pause, to to physical inventory count, takes the final calculation and then calculates the value of the finished products to be sold, and freight cost analysis to measure the shipping costs of all the products.

4.2.3: Inventory Count Reconciliation Requirement: The system shall check to make sure the physical count matches the company’s inventory books.