User Requirements Definition

(a)Functional Requirement

The software is designed for and supports three users and abilities for each of their user responsibility. Manager, Employee, Customer.

Manager:

* Overlooks inventory and ensures all items are accounted for.
* Any escaladed issues deriving from the shopping cart.
* Run, read, and analyze reports.
* Comparing inventory statistics to physical on hand inventory

Employee:

* Responsibilities consist of assisting the customer and returning cart total.
* Ensuring correct products are placed in the shopping cart.
* By providing the correct product solution this decreases the opportunity for returns and makes the customer happy.

Customer:

* To convey to the employee what they would like to purchase or provide an issue to the employee so they can return a solution by suggesting the correct product.
* Provide a payment method for purchase.

(b) Non Functional Requirement

These requirements define the benefits and overall mission to accomplish of the software. Things that are not mandatory.

Functionality

1. Secured servers that are monitored to regulate and neglect hackers and security risks.
2. Limited viewing areas only for the sensitive data. Only authorized employees permitted.

Usability

1. Making the user interface user friendly and easy to navigate through.
2. Simplifying the user interface to return the items quantity, product name and price to cut down on confusion.
3. Also displaying and making the customer aware when items are currently unavailable.

Reliability

1. Investing in power generators to restore power in case of failure. If internet outages occur system will be temporary down until the network is restored.

Performance

1. User friendly user interface to avoid confusion.
2. Item temporarily unavailable for items currently out of stock. This provides the customer with feedback and cuts down on frustration of the customer when attempting to understand why an item can’t be placed in the cart.

Supportability