**1.2 Project Scope**

**1.2.1 Inclusions**

The software will act as inventory management for specific pharmacies or the entire pharmaceutical company. It will allow for the displaying and editing of item and inventory data and values. It will also send requests to the company warehouse once per day to allow for each store to have consistent inventory values based on defined levels. If an item is consistently out of stock, the system will automatically order more than the previous amount. If the item is never out of stock, the system will order less of that item. In both cases the change will be reported. Stores will order the number of items needed to keep items in stock as frequently as possible. It will also return historical data for both all pharmacies and specific ones for a period specified by user. New items can be added and items can be deleted from the inventory through this system. Additionally, customer transactions will be handled through a on screen interface that communicates information to the company. This includes printing prescription labels, handling out of stock items, and account management. Additionally, there will be automatically be a notification to the cashier when a customer is checking out that the customer is eligible for a refill. The cashier can then ask the customer if they would like a refill on their prescription. There will also be options for coupons for customers that provide discounts and companywide sales on certain items. Certain items will also automatically be offered to the customer at checkout when a similar item is purchased.

**1.2.2 Exclusions**

For this program, we have opted not to use a database system. We Believe our teams skill set is insufficient for the use of a database. As an alternative, we have decided to use a flat-file system as the team is much more familiar with these. We also have decided to keep the program as a single unit instead of using a client or service model.