**2.2.2.1 Software Lines of Code Estimation**

1. Overview

This document describes the estimated count of software lines of code of all the major functionality of the project as obtained by an initial guess for each piece, based on

1. Estimation Hierarchy (Based on 1.3)
   1. Pharmacy System
      1. Store(s)
         1. Sales
            1. View Sale Reports

Calculate Historical Sales

Individual Store

Daily Report

Weekly Report

Monthly Report

Yearly Report

Individual Item

Daily Report

Weekly Report

Monthly Report

Yearly Report

* + - 1. Display item data and inventory
         1. Update of item values

Inventory

Online

Request update of store inventory items

Process request into file (files are not yet received by warehouse)

Offline

Display item data and inventory

Generate batch files

|-> Batch files arrive at warehouse

|-> Warehouse processes order

* + 1. Transactions
       1. Employee
          1. Handle transactions
          2. Create account using name and address
          3. Print labels
       2. Customer
          1. Prescription(s)

Verified by other employee before refill

* + 1. Warehouse
       1. Create/delete
          1. Assign/delete inventory items to store and company level
          2. Create/delete store
       2. Store orders to warehouse
          1. Item data

Quantity Received

Update inventory based on orders