SPMP 2.2.2.2 - Function Estimate

1. Overview

This document describes the Function Point Estimate of all the major functionality of the project as obtained by the techniques listed in CIS375 Powerpoint 2 - Software Engineering Project Management, slides 31-37.

1. Estimation Breakdown
   1. Overall Functionality
      1. Inventory
         1. Store / Warehouse data updates (store info, item stock, etc)
         2. Item-level data updates
      2. Customer
         1. Point of sale purchasing/ordering
         2. Point of sale customer data updates
      3. Transactions
         1. Batch transactions (overnight)
         2. Online transactions (point of sale)
      4. Accounting
   2. Category Breakdown
      1. External Inputs (EI)
         1. Store / Warehouse screen
         2. Store / Warehouse screen -> Transactions
         3. Inventory screen
         4. Inventory screen -> Coupled items screen
         5. Point of sale screen (Inventory updates)
         6. Point of sale screen (Transactions / account / ledger updates)
         7. Customer account screen
         8. Customer account screen -> Transactions
         9. Pharmacy prescription approval / fill screen \*\*
         10. System security screen (login / account for POS / pharm users) \*\*
         11. Login screen \*\*
         12. Batch file processing input
      2. External Outputs (EO)
         1. Store / Warehouse screen
         2. Store / Warehouse screen -> Transactions
         3. Inventory screen
         4. Inventory screen -> Coupled items screen
         5. Point of sale screen
         6. Customer account screen
         7. Customer account screen -> Transactions
         8. Pharmacy prescription approval / fill screen \*\*
         9. System security screen (login / account for POS / pharm users) \*\*
         10. Login screen \*\*
         11. Sales screen (reports)
      3. External Inquiries (EQ)
         1. Sales Reports
         2. Inventory Reports
      4. External Interface Files (EIF)
      5. Internal Logical Files (ILF)
2. Estimation Table