merotech
IT ENGINEERING

Project: ELCT :: Care2x

Type (E, C, N)[1]: N

Reference Number: 38

Stock module

Short Description: The stock module

Full Description:
The stock module working in the background of care2x. It takes care that
- In the main stock
  - The amount of all kind of medical supplies
  - The amount of all drugs
- in the distribution stock
  - prescriptions will have only drugs what are available
  - pharmacists can see what items are in the stock or out of stock
    - order tracking (pain killer)
      - There is an extra database field that flagged a drug as a special drug. These drugs needs more information's when they are prescribed
        - Name of the patient
        - Who has prescribed
        - Date of prescription
    - order tracking (common):
      - stock number
      - Unit of issue
      - Maximum level
      - Re-order level
      - Order quantity
      - Review period
      - Minimum level
      - Estimated consumption per month.
      - Monthly consumption

MEMS
Additionally there will be automatically refilled the excel sheet for MEMS ("Mission for Essential Medical Supply").

Inventory
There is a second link to enter the inventory. At this point the person who makes inventory could insert the actual state of the amount of each drug. The stock module

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[1] C=Change; E=Error; N=New

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actualizing the current amount of each drug according to the inventory and calculating a report of the differences between the actual state and the target state out of the database.

Implementation Remarks:
There will be at least three tables of stock items:
- The items are the pharmacists have
- The items are available at the distribution stock
- The items are available at the main stock

If the doctor writes a preparation the stock module algorithm should check if this item is at the pharmacists stock or at the distribution stock. Latter needs information for the pharmacists that he can find the item faster.

Will be realized by: MEROTECH
Estimated Realization: 10-15 days
Needed till: