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Inventory Management System Requirements Analysis

Step 1/2

USERS / Activities:

Admins: Add/remove accounts

Employees: View inventory of ALL departments, Search inventory by serial number or multi attributes

Department employee: Insert, update, Delete within their department

Step 3:

Activity Data:

Add/remove accounts: Employee records will need to be stored on a DB that can be manipulated

View inventory: Have the info available on a DBMS allowing the info to be read by all users

Search: Must have a function to search through the DB of inventory, requiring some sort of GUI or RDBMS

Insert: Need to be able to appropriately insert into the DB/ inventory

Update: Need to be able to update the inventory based on store events

Delete: Need to be able to delete inventory given store events

Step 4:

System Constraints:

GUI: Needs to allow for update, insert, and deletion of inventory (also includes a station for the searches to be completed)

Database: Needs to maintain ACID properties for the Database

Login control: Only allow users to login who are authorized to do so

Possible web server to allow interconnectivity (GUI distributed over network? IE: web interface)