**Warehouse Manage Software Proposal**

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1. **Purpose**

Target is “Manage material in warehouse”:

* Allow user tracking for import and export transaction.
* Allow user manage stock in warehouse.
* Allow user manage group warehouse, sub warehous:
  + This mean application will support for manage 1 or many sub warehouse insize an others warehouse.
  + User can view, process, manage stock of mother warehouse or single warehouse
* Allow user compare, recognize difference quantity stock between ECUS and SAP.
* Need support current process:



Base on that this module will help user:

* Have a good view for all warehouse status
* Have soon detection the difference stock between SAP & ECUS
* User will have good plan for reduce the defference stock between SAP & ECUS

1. **Design**

This software will have 4 main modules:

* Import
* Export
* Stock Manage
* Finance



* 1. **Import**

This module will manage, tracking all import activity:

* This module allows user import list of Declaration.
* This module allows user view, search information of Declaration.
* This module allow user create report about importation in period time.
* This module support for process “Declaration” for input inventory into warehouse
  1. **Export**
* This module will manage, tracking all export activity:
* This module allows user import list of Declaration.
* This module allows user view, search information of Declaration.
* This module allow user create report about importation in period time.
* This module support for process “Declaration” for liquidation

**Note:** Module Import and Export will support for liquidation. Calculate stock in single warehouse. This support for Requirement:

* 3.a Thanh lý KD
* 3.b Thanh Lý SXXK
  1. **Warehouse & Stock Manage**

This is main module in this application. This will support:

* + 1. Structure of Warehouse: Warehouse dashboard
  + One warehouse allows have one or many smalls sub warehouse.
  + User able to create the warehouse structure:
    - Create new warehouse.
    - Assign relation ship of warehouse, mother warehosue.
    - Maping “Declaration Code” with owner warehouse. This use for process “Declaration”. When processing “Declarations”, material will auto count for owner warehouse.
    1. Material and BOM Manage
  + This Module will link with data of Material Mange for get information of BOM, Material List.
  + Need improve Material List to get data from ECUS through Excel file.
  + Need to create new module for manage APAC BOM, Fru Pick Pack BOM…
    1. Stock Import

Import inventory stock into warehouse

* + 1. View & Manage stock in warehouse

This module will allow user manage inventory in warehouse.

* + 1. Manage Mother Warehouse
  + Mother warehouse is warehouse have sub warehouse insize.
  + This module will help calculate inventory in this warehouse only, ignore sub module insize.
  + This module helps to calculate total inventory of this module with sub module insize.
    1. Compare Stock
  + This module support comparing inventory stock between two warehouses.
  + This module use for compare inventroty stock between SAP & ECUS
  + The result of this module will help to give decision for adjust “rate of lost” or swap item in BOM
    1. Demand checking

When user needs to export goods or material, user need check the status of invetory for this material is avalible for export.This module will user can know in warehouse have enough inventory for export. Or we need move inventory from other warehosue to this warehouse have export request

* + 1. Material Moving
  + This module support for tracking mertial moving from warehosue to other warehouse
  + Item “Demand Checking” & “Material Moving” will support for requirement
    - 4.a Check Tồn KD
    - 4.b Check Tồn SXXK
    - 4.5 Chuyển loại hình
    1. Material Scrap
  + Support for Scrap item need to ask: “Do ECUS Support this feature?”

1. **Schedule**

