Use Case Diagram:

Supplier's manager

(addSupplier) <<include>> (add Contacts)

Issuing an order from supplier

(Find products below min) <<extends>> (Issue order from supplier)

Issuing an order to a supplier is equivalent to printing order information to screen

<<Trigger: Start of day>>

(get routine orders of tomorrow) <<extends>>

Cashier

(Purchase Items) <<include>>

Updating Stock and Warning if Shortage

(Report Defective Items) <<include>> (Amount in store decrease) <<extends>> (Raise warning on low stock)

Storekeeper/Sorter

(Move Stock From Warehouse to Store) <<include>> (Amount in warehouse decrease) <<extends>>

(Return Items) <<include>> (Amount in store increase)

Storekeeper

(Order Arrived From Supplier) <<include>> (Amount in warehouse increase)

(Add-Employee) includes

(Update-Employee-Info) includes (save-in-db **Extention point** savingError)

HR_Manager

(Assign-employee-to-shift) includes

includes

(Assign-employee-to-shift) includes (Load-Require-data **Extention point** Load Error)

responsible on transportations

Transport manager

(create transport)

(sorces visit **Extention point** track overweigth)

includes

the transport carrier

Carrier

(transport execution) includes (Documenting)