Use Cases :

Login
Extension point:
login information
validation failed
— <<includes>> → Validate login information
— <<extends>> → Display login error

Register new employee
Extension point:
Employee already exists,
Employee info is incorrect.
— <<includes>> → Validate Info
— <<extends>> → Display register error

Certify
Extension point:
ID doesn't exist or
employee already
certified
— <<includes>> → Validate
— <<extends>> → Display Error

Note:
Several updates and errors for each one

Update employee details
Extension point:
Some info incorrect /
doesn't exist
— <<Inherits>> → Update
— <<extends>> → validation error

Change availability schedule
Extension point: a slot needs to be available to add it to the employee schedule
— <<Inherits>> → Add/remove slot
— <<extends>> → Invalid time slot

Update inventory Quantity
— <<includes>> →

Below Minimum
Extension point : the supplies quantity is below minimum, display alert.
— <<includes>> → Set new amount
— <<extends>> → Notify shortage

ValidateSupplier ← <<includes>> — **AddNewSupplier**
Extension point: if a supplier already exists an error occurs
RegistrationError ← <<extends>> —

New weekly order — <<includes>> →

New order

Inventory Shortage Order — <<includes>> →

Create Shift
Extension point: Invalid shift details
— <<Inherits>> → Insert shift details
— <<extends>> → Display Errors

Create new Transport
Extension point: make new transport Driver/ Truck
— <<Inherits>> → Choose Truck&Driver
— <<extends>> → ErrorMsg Truck/ Driver missing

HR Manager

Employee

Storage Manager

Transport Manager

Supplier Manager

HR Manager