# Casual Use Case Specification: UC03 - OrderProducts

**Brief Description:**

This use case enables the Inventory Manager to order products and get them from suppliers

# Section 1: Business Rule(s):

**BR 4**: KeyNorthNet is the name of Centralized Computer System regarding KNCS’s business.

**BR 5:** All employees must have an ID on KeyNorthNet which is identical with employee number.

**BR 6:** Permission type consists of Authority, Standard user, Customer, Technician.

**BR 7:** The users to be created on KeyNorthNet have to fill up the following fields as mandatory: First name, Department relation, and Permission type.

**BR 9:** Every expense report must have identification number; identification number of expense report is generated automatically from system.

**BR 11:** The price of the equipment should not exceed the budget of the firm.

**BR 14:** Each expense must have the payment information.

**BR** **15:** Attached files are readable.

# Section 2: Scenarios (HD):

**Scenario 1:** **Check inventory levels in the store and the warehouse**

**Preconditions:**

1. Inventory Manager is logged into KeyNorthNet as Authority.
2. To begin with, the system shows the current inventory level.
3. The system displays how many products in the store and warehouse.

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| **Step #** | **Actor (Inventory Manager)** | **System** | **Data Used** |
| 1 | Click to inventory level | Display a list of the current inventory including an inventory number, name and quantity | An inventory number, Product quantity, Product name, Product order date |
| 2 | Check the quantity | Compare the current quantity of products and how many quantity customers need. | Product quantity, Product name |
| 3 | Make a report | Input how many products the company need to order | Product quantity, Product name |
| 4 | Save and submit | The system shows "save" and "submit" button. After the report (Step 3) finished, the user save it and submit. |  |
| 5 | Exit | If the user complete the report (Step 3) and do (Step 4), he click "leave this page", exit |  |

**Successful Post-Conditions:**

1. The new order report is sent to Inventory Manager.

2. Final order report is saved as protected file, so it can be lost by any chance and makes the user only access the information.

**Scenario 2:** **Order products**

**Preconditions:**

1. Inventory Manager is logged into KeyNorthNet as Authority.
2. Inventory Manager has to submit order report on time.
3. The order report should not have any mistake
4. The order report must have following columns: Product name, Product quantity, Supplies, Order date, Receive date

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Actor(key actor identifier)** | **System** | **Data Used** |
| 1 | Receive order report | Inventory Manager check the list of order report | Product quantity, Product name |
| 2 | Contact suppliers | Inventory Manager contact suppliers so that s/he orders products |  |
| 3 | Receive products | User receive products he orders and check carefully the quantity and the products are correct. If not, user reorder the product |  |
| 4 | Make a report | User modify new order report that contain order date and receive date and create new expense report | Product quantityProduct name, Order date, Receive date, Suppliers' name and contact, Identification number of expense report |
| 5 | Save and submit | The system shows "save" and "submit" button. After the reports (Step 4) finished, the user saves it and submits. |  |
| 6 | Exit | User closes the system |  |

**Successful Post-Conditions:**

1. The new order report is uploaded in the system.
2. Final order report is saved as protected file so it can be lost by any chance and makes the user only access the information.