**SCENARIO 1**

A manager wants to know the current stock of the raw material Jean buttons to see if there is the need to make a new order.

* **Use case**: Raw Material Stock Inspection
* **Participating actors**:
  + 1. User
    2. FormLogin
    3. FormManager
* **Entry Condition**:
  + 1. Manager shall be an active employee with user and password
    2. The database shall have up-to-date information about the stock
* **Flow of events**:
  + 1. The user logs into the system
    2. The user navigates to the Raw materials menu
    3. The system displays a list of all available raw materials along with their current stock levels.
    4. The user searches for the Jean Buttons stock levels
* **Exit condition**:
  + 1. The user sees the current inventory level and decides whether to re-stock or not
    2. If required, an invoice may be generated in the case of a new purchase order.

**SCENARIO 2**

An order has been made from one of the stores to send 100 basic T-shirts. The manager needs to check if there is enough stock to satisfy the order, and, if such, print the invoice and send it to [store@store.com](mailto:store@store.com), also the invoice needs to be send to [logitics@warehouse.com](mailto:logitics@warehouse.com) so that they can manage the package to be sent to the store.

* **Use case**: Order management
* **Participating actors**:
  + 1. Manager
    2. Store
    3. FormLogin
    4. FormManager
    5. PrintFinishProduct
    6. EmailSend
* **Entry Condition**:
  + 1. Manager shall be an active employee with user and password
    2. The database shall have up-to-date information about the stock
    3. The machine shall be connected to internet
* **Flow of events**:
  + 1. The user logs into the system
    2. The user navigates to the Finished products menu
    3. The user searches for the Basic T-shirts orders
    4. The user selects the order for the desired quantity
    5. The user pushes the Print button and gets the invoice
    6. The user pushes the Send to button and enters both email addresses.
* **Exit condition**:

i) The store receives the purchase receipt for the requested product.

ii) The logistics department receives the invoice of the order so they can prepare and send the package.

**SCENARIO 3**

Upper management is deciding whether or not to increase production of sweaters during Q4 because for the past couple of years, the stock has been depleted. But they still need to decide if it makes financial sense and if such, by how many units shall the production be increased. For this tasks, upper management has selected an external data-analysis team which asks to receive the historic data of the stock and price of the product and the costs of the raw materials at [data@analysis.com](mailto:data@analysis.com) in .cvs format.

* **Use case**: Data Export
* **Participating actors**:
  + 1. Upper Management (admin)
    2. Data-analysis Team
    3. FormLogin
    4. FormAdmin
    5. CVSExport
    6. EmailSend
* **Entry Condition**:
  + 1. User needs to have an admin account
    2. The database shall have up-to-date information
    3. The machine shall be connected to internet
* **Flow of events**:
  + 1. The user logs into the system as admin
    2. The user navigates to the admin panel
    3. The user presses the export to button
    4. The user selects the option for .cvs
    5. The user pushes the Export button
    6. The user pushes the Send to button and enters the correct email address
* **Exit condition**:

I) The data-analysis team receives the database in .cvs format for an in-depth inspection

II) If convenient, upper management may decide to increase the production of sweater for Q4 of this year

**SCENARIO 4**

After conducting an interview, HR has decided that Giacomo is a good fit for the role of warehouse manager, and after signing the contract, he need a user ID and password to enter the system and start working, also the new employee data shall be added to the database for accounting purposes.

* **Use case**: New Employee
* **Participating actors**:
  + 1. Giacomo
    2. HR user (admin role)
    3. FormLogin
    4. FormAdmin
* **Entry Condition**:
  + 1. HR shall possess all relevant information from Giaconomo (Full name, address, salary, etc).
    2. HR user shall have an admin account
* **Flow of events**:
  + 1. The user logs into the system as admin
    2. The user navigates to the admin panel
    3. User fills out all of Giacomo information in the Employee information input form
    4. User selects the role of Giacomo, in this case Manager
    5. User pushes Save button
* **Exit condition**:

I) Giacomo is now saved in the system and all of the relevant information is stored in the database for future use.

II) HR can now provide Giacomo with its user ID and password so he can log into the system with the manager role.

**SCENARIO 5**

A new warehouse is being opened in Parma, and to run this new branch, HR has decided that former warehouse manager Sara is a good fit for the role of branch manager, a role that also includes selecting new employees. For this reason, Sara must now move to Parma, have admin account privileges for selecting new employees and its salary will be 10k higher due to the increased workload.

* **Use case**: Changing Employee Data
* **Participating actors**:
  + 1. Sara
    2. HR user (admin role)
    3. FormLogin
    4. FormAdmin
* **Entry Condition**:
  + 1. HR shall possess new information from Sara(New address and salay).
    2. HR user shall have an admin account
* **Flow of events**:
  + 1. The user logs into the system as admin
    2. The user navigates to the admin panel
    3. User searches for Sara in the Search employee bar
    4. User selects Sara
    5. User changes the role from Manager to Admin
    6. User updates Address and Salary information
    7. User presses Save button
* **Exit condition**:

I) Sara now has admin privileges in the system

II) Employee information is now updated