**UC: Login The System**

**Scope:** Stock Management System (SMS)  
**Level:** User Goal  
**Primary Actor:** Stock Manager

**Stakeholders and interests:**

Stock Manager: Wants to log in the system.

Admin: Changes the password if necessary.

**Pre-conditions:** Stock manager signs up the system and completes the payment step.

**Post-conditions:** Stock manager can log in the system.

**Main Success Scenario**:

1. Stock manager opens the web-site.
2. The SMS displays the login page.
3. Stock manager enters the username and password.
4. The SMS controls the entered username and password.
5. The SMS displays the homepage.

**Extensions**:

3a. Stock manager forgets the password.

1. Admin changes the password.
2. Stock manager enters the username and password.

4a. Stock manager enters the wrong password.

1. The SMS displays the warning message.
2. Use case continues at the third step of the main success scenario.

4b. Stock manager is logging into the system for the first time.

1. The SMS displays the attributes
2. Stock manager enters the current and new password and repetition.
3. The SMS controls the entered passwords.

3a. Stock manager enters unmatching passwords.

1. The SMS displays the warning message.
2. Use case continues at step 4b-2.

3b. The stock manager enters the same password with the current password.

1. The SMS displays the warning message.
2. Use case continues at step 4a-2.
3. The SMS displays the login page.
4. Use case continues at the third step of the main success scenario.

**Frequency of Occurrence**: Every entrance.

**Open Issues:**   
- What customization is needed for different businesses?

**UC: Manage Raw Material**

**Scope:** Stock Management System (SMS)  
**Level:** User Goal  
**Primary Actor:** Stock Manager

**Stakeholders and interests:**

Stock Manager: Wants to manage raw materials

**Pre-conditions:** The stock manager is authenticated with privileges to manage raw material.

**Post-conditions:** One or more raw materials are displayed/created/updated/deleted.

**Main Success Scenario**:

1. Stock manager wants to manage raw material.
2. System displays the raw material list.
3. Stock manager selects a raw material.
4. System displays the details of the selected raw material.

Step 3 and 4 are repeated until the stock manager indicates it is done.

**Extensions**:

3a. The stock manager wants to delete raw material.

1. The stock manager selects a raw material and requests to delete it.
2. The SMS displays the confirmation message.
3. The stock manager confirms the deletion of the raw material.

3a. The stock manager declines the deletion of the raw material.

1. The SMS keeps the raw material.
2. The SMS deletes the raw material.

3b. The stock manager wants to update a raw material.

1. The stock manager selects a device and requests to update it.
2. The SMS displays the attributes of the raw material with their initial values.
3. The stock manager enters the new values of the attributes.

3a. Existing identifier.

1. The SMS displays the warning message.
2. Use case continues at step 3b-3.
3. The stock wants to update the raw material.

4a. The stock manager wants to cancel the raw material update.

1. The SMS closes the update form and displays the raw material list.
2. The SMS stores the raw material with new values.

3c. The stock manager wants to create a raw material.

1. Stock manager wants to create a new raw material.
2. The SMS displays the attributes of the raw material.
3. Stock manager initializes the attributes of the new raw material.
4. Stock manager requests to save the new raw material.

4a. Existing identifier.

1. The SMS displays the warning message.
2. Use case continues at the third step.
3. The SMS stores the new raw material.

**Frequency of Occurrence**: Every quarter of the year.

**Open Issues:**

- Is confirmation of cancellation of raw material update/creation needed?  
- What customization is needed for different businesses?