**Revision History**

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| --- | --- | --- | --- |
| Date | Author(s) | Changes | Version |
| 03/05/2021 | Nehir Erdem | initial document | v1.0 |
| 10/05/2021 | Nehir Erdem | Review corrections | v1.1 |
| 31/05/2021 | Esra Ateş | New test cases are added | V2.0 |
| 07/06/2021 | Esra Ateş | Review corrections | V2.1 |
| 21/06/2021 | Esra Ateş | New test cases are added | V3.0 |

**TC.SMS.DUR – Display Role Test Case:**

Description: This test case verifies display role operations.

Pre-conditions: Pre-defined roles exist in the system. Tester should has the admin role.

Post-conditions: Roles list and selected role details are displayed to the admin.

Data required: Valid user credentials (user name: esraates, password: 123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.3

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Roles page. | Role page should be opened and the list of existing roles are displayed with the following information: role name, created at, modified at, status. | P |

**TC.SMS.CUR - Create Role Test Case:**

Description: This test case verifies create role operations product.

Pre-conditions: Pre-defined roles exist in the system. Tester should has the admin role.

Post-conditions: A new user is created.

Data required: Valid user credentials (user name: esraates, password: 123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.3

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Roles page and request to create a new role. | Role creation pages should be displayed. | P |
| 2. | Add a new role with following attributes:  **Role:** stockmanager  **Status:** Active  Click **Create**. | New role is added to the system. | P |
| 3. | Add another new user with following attributes:  **Role:** stockmanager  **Status:** Passive  Click **Create**. | A warning message about “A role with the same name already exists.” and new role is **not** created. | F |
| 4. | Enter following attributes:  **Role:** regular user  **Status:** Active  Click **Create**. | New role is added to the system. | P |

**TC.SMS.UUR - Update Role Test Case:**

Description: This test case verifies update role operations.

Pre-conditions: Pre-defined roles exist in the system. Tester should has the admin role.

Post-conditions: Selected role is updated.

Data required: Valid user credentials (username: esraates, password: 123456; username: berfuanil, password:123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.3

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Roles page. | Role page should be opened and the list of existing roles is displayed. | P |
| 2. | Select to update a regular user from the list. | Update Role page should be opened. | P |
| 3. | Update the role with following information:  **Status:** Passive  Click **Update**. | Selected role should be updated with entered information. | P |

**TC.SMS.DUR- Delete Role Test Case:**

Description: This test case verifies delete role operations.

Pre-conditions: Pre-defined roles exist in the system. Tester should has the admin role.

Post-conditions: Selected role is deleted.

Data required: Valid user credentials (user name: esraates, password: 123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.3

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Roles page. | Role page should be opened and the list of existing roles is displayed. | P |
| 2. | Select to delete “Regular User” from the list. | Selected role should be deleted from the system. | P |

**TC.SMS.DUS – Display User Test Case:**

Description: This test case verifies display user operations.

Pre-conditions: Pre-defined users exist in the system. Tester should has the admin role.

Post-conditions: Users list and selected user details are displayed to the admin.

Data required: Valid user credentials (user name: esraates, password: 123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.4

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Users page. | User page should be opened and the list of existing users are displayed with the following information: username, email, status, name, surname, role | P |

**TC.SMS.CUS - Create User Test Case:**

Description: This test case verifies create user operations product.

Pre-conditions: Pre-defined users exist in the system. Tester should has the admin role.

Post-conditions: A new user is created.

Data required: Valid user credentials (user name: esraates, password: 123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.4

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Users page and request to create a new user. | User creation pages should be displayed. | P |
| 2. | Add a new user with following attributes:  **Username:** berfuanil-1  **Email:** [berfua@stockupy.com](mailto:berfua@stockupy.com)  **Status:** Active  **Name:** Berfu  **Surname**: Anıl  **Role:** Normal  Click **Create**. | New user is added to the system. When berfuanil logs in the system, user should have no privileges | P |
| 3. | Add another new user with following attributes:  **Username:** berfuanil-1  **Email:** [berfua@stockupy.com](mailto:berfua@stockupy.com)  **Status:** Active  **Name:** Berfu  **Surname**: Anıl  **Role:** Normal  Click **Create**. | A warning message about “A user with the same username already exists.” and new user is **not** created. | P |
| 4. | Enter following attributes:  **Username:** admin  **Email:** admin@stockupy.com  **Status:** Active  **Name:** Admin  **Surname**: -  **Role:** SysAdmin  Click **Create**. | New user is added to the system. When admin logs in the system, user should have all privileges. | P |

**TC.SMS.UUS - Update User and Assign Role Test Case:**

Description: This test case verifies update user operations.

Pre-conditions: Pre-defined users exist in the system. Tester should has the admin role.

Post-conditions: Selected user is updated.

Data required: Valid user credentials (username: esraates, password: 123456; username: berfuanil, password:123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.4

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Users page. | User page should be opened and the list of existing users is displayed. | P |
| 2. | Select to update a berfuanil-1 from the list. | Update User page should be opened. | P |
| 3. | Update the user with following information:  **Role:** Admin  Click **Update**. | Selected user should be updated with entered information. When berfuanil logs in the system, user should have all privileges. | P |

**TC.SMS.DEUS- Delete User Test Case:**

Description: This test case verifies delete user operations.

Pre-conditions: Pre-defined users exist in the system. Tester should has the admin role.

Post-conditions: Selected user is deleted.

Data required: Valid user credentials (user name: esraates, password: 123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.4

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Users page. | User page should be opened and the list of existing users is displayed. | P |
| 2. | Select to delete a random user from the list. | Selected user should be deleted from the system. | P |

**TC.SMS.FLTS - First Login to the System Test Case:**

Description: This test case verifies login to the system for stock manager for the first time.

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

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

Data required: Valid user credentials (user name: nehirerdem, password: 123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.2

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open a Chrome browser and navigate to the SMS web page. | Login page of SMS should be opened. | P |
| 2. | Enter a valid username and password combination. | SMS should navigate the user to the “Change Password” page. | F |
| 3. | Enter the current password, then the new password for 2 times. Enter unmatched passwords for new password repetition. | A warning message about unmatched passwords should be displayed. | F |
| 4. | Enter the current password, then the new password for 2 times. | A success message should be displayed and the system navigates to the login page. | F |
| 5. | Enter the username and password combination again. | SMS home page should be displayed. | P |

**TC.SMS.LTS - Login to the System Test Case:**

Description: This test case verifies login to the system operations for stock manager.

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

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

Data required: Valid user credentials (user name: nehirerdem, password: 123456), SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.2

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open a Chrome browser and navigate to the SMS web page. | Login page of SMS should be opened. | P |
| 2. | Enter an *invalid* username and password combination. | A warning message should be displayed. | P |
| 3. | Enter a valid username and password combination. | SMS home page should be displayed. | P |

**TC.SMS.DRM - Display Raw Material Test Case:**

Description: This test case verifies display raw material operations.

Pre-conditions:The stock manager is authenticated with privileges to manage raw material. Pre-defined raw materials exist in the system.

Post-conditions: Raw materials list and selected raw material details are displayed to the stock manager.

Data required: None.

Use Case Tested: UC2.1

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Raw Materials page. | Raw material page should be opened and the list of existing raw materials is displayed with the following information: Material (Part) Number, Material Name, Material Category, Safety Stock Level, Overstock Level, Purchasing Lead Time, Status. | P |

**TC.SMS.CRM - Create Raw Material Test Case:**

Description: This test case verifies create raw material operations.

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

Post-conditions: A new raw material is created.

Data required: None.

Use Case Tested: UC2.1

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Raw Materials page and select to create a new raw material. | Raw material creation pages should be displayed. | P |
| 2. | Add a new raw material with following attributes:  **Material (Part) Number:** 010521  **Material Name:** TestMaterial-1  **Material Category:** Cat1  **Safety Stock Level:** 100  **Overstock Level:** 300  **Purchasing Lead Time:** 2 weeks  Click **Create**. | New raw material is added to the system. | P |
| 3. | Add another new raw material with following attributes:  **Material (Part) Number:** 010521  **Material Name:** TestMaterial-2  **Material Category:** Cat1  **Safety Stock Level:** 120  **Overstock Level:** 300  **Purchasing Lead Time:** 3 weeks  Click **Create**. | A warning message about “A raw material with the same material number already exists.” and new material is **not** created. | F |

**TC.SMS.URM - Update Raw Material Test Case:**

Description: This test case verifies update raw material operations.

Pre-conditions:The stock manager is authenticated with privileges to manage raw material. Pre-defined raw materials exist in the system.

Post-conditions: Selected raw material is updated.

Data required: None.

Use Case Tested: UC2.1

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Raw Materials page. | Raw material page should be opened and the list of existing raw materials is displayed. | P |
| 2. | Select to update a random raw material from the list. | Update Raw Material page should be opened. | P |
| 3. | Update a the raw material with following information:  **Material Name:** UpdatedMaterial  **Material Category:** Cat3  **Safety Stock Level:** 150  **Overstock Level:** 350  **Purchasing Lead Time:** 3 weeks  Click **Update**. | Selected raw material should be updated with entered information. |  |

**TC.SMS.DERM - Delete Raw Material Test Case:**

Description: This test case verifies delete raw material operations.

Pre-conditions:The stock manager is authenticated with privileges to manage raw material. Pre-defined raw materials exist in the system.

Post-conditions: Selected raw material is deleted.

Data required: None.

Use Case Tested: UC2.1

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Raw Materials page. | Raw material page should be opened and the list of existing raw materials is displayed. | P |
| 2. | Select to delete a random raw material from the list. | Selected raw material should be deleted from the system. | P |

**TC.SMS.DPR - Display Product Test Case:**

Description: This test case verifies display product operations.

Pre-conditions:The stock manager is authenticated with privileges to manage product. Pre-defined products exist in the system.

Post-conditions: Products list and selected product details are displayed to the stock manager.

Data required: None.

Use Case Tested: UC2.2

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Products page. | Product page should be opened and the list of existing products are displayed with the following information: Product Name, Description, Status | P |

**TC.SMS.CPR - Create Product Test Case:**

Description: This test case verifies create product operations product.

Post-conditions: A new product is created.

Data required: None.

Use Case Tested: UC2.2

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Products page and request to create a new product. | Product creation pages should be displayed. | P |
| 2. | Add a new product with following attributes:  **Product Name:** TestProduct-1  **Description:** For Test  **Status:** Active  Click **Create**. | New product is added to the system. | P |
| 3. | Add another new product with following attributes:  **Product Name:** TestProduct-1  Click **Create**. | A warning message about “A product with the same product number already exists.” and new product is **not** created. | F |
| 4. | Enter following attributes:  **Product Name:** 310521-3  **Description:** TestProduct-2  **Status:** Active  Click **Create**. | New product is added to the system. | P |

**TC.SMS.UPR - Update Product Test Case:**

Description: This test case verifies update product operations.

Pre-conditions:The stock manager is authenticated with privileges to manage product. Pre-defined products exist in the system.

Post-conditions: Selected product is updated.

Data required: None.

Use Case Tested: UC2.2

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Products page. | Product page should be opened and the list of existing products is displayed. | P |
| 2. | Select to update a TestProduct-2 from the list. | Update Product page should be opened. | P |
| 3. | Update a the product with following information:  **Product Name:** 310521-2  Click **Update**. | Selected product should be updated with entered information. | P |

**TC.SMS.DEPR - Delete Product Test Case:**

Description: This test case verifies delete product operations.

Pre-conditions:The stock manager is authenticated with privileges to manage product. Pre-defined products exist in the system.

Post-conditions: Selected product is deleted.

Data required: None.

Use Case Tested: UC2.2

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Products page. | Product page should be opened and the list of existing products is displayed. | P |
| 2. | Select to delete a random product from the list. | Selected product should be deleted from the system. | P |

**TC.SMS.DIB - Display Inventory Bindings Test Case:**

Description: This test case verifies display inventory bindings operations.

Pre-conditions: The stock manager is authenticated with privileges to manage inventory bindings. Pre-defined products and raw materials exist in the system.

Post-conditions: Inventory bindings are displayed to the stock manager.

Data required: None.

Use Case Tested: UC2.3

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Products page. | Product page should be opened and the list of existing products are displayed with the following information: Product Name, Description, Status | P |
| 2. | Open Bindings page of a product. | Bindings form should be opened and the list of existing bindings – if any – is displayed with following information: Raw material, Quantity |  |

**TC.SMS.AIB - Add Inventory Bindings Test Case:**

Description: This test case verifies add inventory binding operations product.

Pre-conditions: The stock manager is authenticated with privileges to manage inventory bindings. Pre-defined products and raw materials exist in the system.

Post-conditions: A new inventory binding is added.

Data required: None.

Use Case Tested: UC2.3

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Bindings page of a product. | Bindings form should be opened and the list of existing bindings – if any – is displayed with following information: Raw material, Quantity | P |
| 2. | Select a raw material and enter the following values.  **Quantity:** 2  Click **Add.** | New inventory binding is added to the bindings list | P |

**TC.SMS.UIB - Update Inventory Bindings Test Case:**

Description: This test case verifies update inventory bindings operations.

Pre-conditions: The stock manager is authenticated with privileges to manage inventory binding. Pre-defined products and raw materials exist in the system.

Post-conditions: Selected inventory binding is updated.

Data required: None.

Use Case Tested: UC2.3

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Bindings page of a product. | Bindings form should be opened and the list of existing bindings – if any – is displayed with following information: Raw material, Quantity | P |
| 2. | Request to update a binding. | Details of the inventory binding is displayed. |  |
| 3. | Enter following attributes:  **Quantity:** 3  Click **Update.** | Inventory binding is updated. | P |

**TC.SMS.DIB - Delete Inventory Binding Test Case:**

Description: This test case verifies delete inventory binding operations.

Pre-conditions:The stock manager is authenticated with privileges to manage inventory binding. Pre-defined products and raw materials exist in the system.

Post-conditions: Selected inventory binding is deleted.

Data required: None.

Use Case Tested: UC2.3

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Bindings page of a product. | Bindings form should be opened and the list of existing bindings – if any – is displayed with following information: Raw material, Quantity | P |
| 2. | Delete an inventory binding. | Selected inventory binding should be deleted from the system. | P |

**TC.SMS.MSR – Manage Stock Request Test Case:**

Description: This test case verifies manage stock requests operations.

Pre-conditions: The stock manager is authenticated with privileges to manage stock requests. Pre-defined inventory binding information should exist.

Post-conditions: Stock levels are displayed to the stock manager.

Data required: None.

Use Case Tested: UC3.1

Test Scenario:

|  |  |  |  |
| --- | --- | --- | --- |
| **Step #** | **Action** | **Expected Result** | **Pass/Fail** |
| 1. | Open Stock Check page. | Stock Check page is displayed. | P |
| 2. | Select the product and the requested production amount. Click **Calculate.** | The SMS displays the required numbers and the current stock levels based on the calculation. | P |