**Revision History**

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| Date | Author(s) | Changes | Version |
| 03/05/2021 | Özgün Şen  Berfu Anıl  Esra Ateş  Nehir Erdem | initial document | v1.0 |

**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, SMS website URL (<https://stockupy.azurewebsites.net>)

Use Case Tested: UC1.2

Test Scenario:

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| --- | --- | --- | --- |
| **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. |  |
| 2. | Enter a valid username and password combination. | SMS should navigate the user to the “Change Password” page. |  |
| 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. |  |
| 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. |  |
| 5. | Enter the username and password combination again. | SMS home page should be displayed. |  |

**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, 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. |  |
| 2. | Enter an *invalid* username and password combination. | A warning message should be displayed. |  |
| 3. | Enter a valid username and password combination. | SMS home page should be displayed. |  |

**TC.SMS.DRM - Display 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. 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:

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| --- | --- | --- | --- |
| **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. |  |
| 2. | Select to display a random raw material from the list. | Selected raw material details are displayed with the following information: Material Number, Material Name, Material Category, Safety Stock Level, Overstock Level, Purchasing Lead Time. |  |

**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:

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| --- | --- | --- | --- |
| **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. |  |
| 2. | Add a new raw material with following attributes:  **Material 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. |  |
| 3. | Add another new raw material with following attributes:  **Material 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. |  |

**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:

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| --- | --- | --- | --- |
| **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. |  |
| 2. | Select to update a random raw material from the list. | Update Raw Material page should be opened. |  |
| 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.DRM - 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. |  |
| 2. | Select to delete a random raw material from the list. | A confirmation window should be displayed for deletion. |  |
| 3. | Choose “Yes”. | Selected raw material should be deleted from the system. |  |