

IMTSquare Company – AnyChange Project	
Test Cases	Date: 09/05/2023

**IMTSquare Company**

**AnyChange Software**

**Test Cases**

**v2.0**

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#### Revision History

Date	Version	Type	Description	Prepared by	Checked by
24/04/2023	1.0	IFC	Preliminary draft	IMT2 Project Team	IMT2 QA/QC Team
09/05/2023	2.0	IFC	Draft with added cases	IMT2 Project Team	IMT2 QA/QC Team

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## Test Cases: UC-1: Register to System

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### **Test Case 1:** Register to System test

#### **Description:**

The objective of this test is to verify that the user can register to the AnyChange platform. Registration process is the main scope of the test together with the main success scenario and extensions (see Use Cases and Use Case Model document).

#### **Pre-conditions:**

1. System should be available with the register screen.
2. Users should have valid email addresses.

#### **Post-conditions:**

1. Registration process is completed successfully and the system saves the new account correctly.
2. Extension scenarios (validation invalid, confirmation rejection/not entering confirmation password) are handled correctly.

#### **Data required:**

1. Username of the user
2. Password of the user

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## Test Cases: UC-2: Login to System

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### **Test Case 2:** Login to System test

#### **Description:**

The objective of this test is to verify that the user can login to the AnyChange platform. Login process is the main scope of the test together with the main success scenario and extensions (see Use Cases and Use Case Model document).

#### **Pre-conditions:**

1. System should be available with the login screen.
2. Users should have been registered.

#### **Post-conditions:**

1. Login process is completed successfully, and the system access is given to the user per their registration type.
2. Extension scenarios (system failure, password forgotten, invalid username and password) are handled correctly.

#### **Data required:**

1. Username of the user
2. Password of the user

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## Test Cases: UC-3: Manage Personal Information

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### **Test Case 3:** Manage personal information test

#### **Description:**

The objective of this test is to verify that the user can manage personal information in the AnyChange platform. Displaying and editing the relevant information is the main scope of the test together with the main success scenario and extensions (see Use Cases and Use Case Model document).

#### **Pre-conditions:**

1. System should be available and the user must be logged in with the appropriate username and password.
2. Personal information page is loaded successfully.

#### **Post-conditions:**

1. User can edit and configure relevant name, surname, address, phone no, and password fields.
2. Extension scenarios (system failure, password change, exception handling per input values) are handled correctly.

#### **Data required:**

1. Password of the user, for checking password can be changed.

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## Test Cases: UC-4: Manage Payment Information

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### **Test Case 4:** Manage payment information test

#### **Description:**

The objective of this test is to verify that the user can manage payment information in the AnyChange platform. Displaying and editing the relevant information is the main scope of the test together with the main success scenario and extensions (see Use Cases and Use Case Model document).

#### **Pre-conditions:**

1. System should be available and the user must be logged in with the appropriate username and password.
2. Payment information page is loaded successfully.

#### **Post-conditions:**

1. User can add a new credit card that is not registered previously.
2. Extension scenarios (system failure, removing credit cards, exception handling per input values) are handled correctly.

#### **Data required:**

1. Credit card information of the user.

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## Test Cases: UC-5: Manage Account

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### **Test Case 5:** Manage account test

#### **Description:**

The objective of this test is to verify that the user can manage his/her account in the AnyChange platform. Changing the account type or removing the account is the main scope of the test together with the main success scenario and extensions (see Use Cases and Use Case Model document).

#### **Pre-conditions:**

1. System should be available and the user must be logged in with the appropriate username and password.
2. Account information page is loaded successfully.

#### **Post-conditions:**

1. User can edit and configure the account type.
2. Extension scenarios (system failure, account removal, no registered card, no valid payment) are handled correctly.

#### **Data required:**

1. Validity information for the registered credit card, for checking the connected Banking System can process the registered credit card.



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## Test Cases: UC-6: Monitor Products

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### **Test Case 6:** Monitor Products test

#### **Description:**

The objective of this test is to verify that the user can monitor products. Product monitoring is the main scope of the test together with the main success scenario and extensions (see Use Cases and Use Case Model document).

#### **Pre-conditions:**

1. System should be available and the user must be logged in with the appropriate username and password.
2. Registered product list is loaded and the relevant connection between the software and the scraped platform is valid specifically for the product of interest.

#### **Post-conditions:**

1. AnyChange connects to the relevant platform and price and relevant information is monitored successfully.
2. Extension scenarios (system failure, connection failure, adding products to the list, removing products from the list) are handled correctly.

#### **Data required:**

1. Relevant price and information for the product of interest, for checking the correct price and information about the product.

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## Test Cases: UC-8: Search Products

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### **Test Case 8:** Search Products test

#### **Description:**

The objective of this test is to verify that the user can search products. Searching and browsing through the products via relevant filtering capability is the main scope of the test together with the main success scenario and extensions (see Use Cases and Use Case Model document).

#### **Pre-conditions:**

1. System should be available and the user must be logged in with the appropriate username and password.
2. Registered product list is loaded and the relevant connection between the software and the scraped platform is valid specifically for the product of interest.

#### **Post-conditions:**

1. System displays relevant filtering options (product name, seller, price and other constraints).
2. System presents the search results according to the entered filtering options.
3. Extension scenarios (system failure, exception handling for missing filtering information) are handled correctly.

#### **Data required:**

1. Relevant price and information for the products of interest, for checking the correct filtering is performed.

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## Test Cases: UC-9: Manage Products

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### **Test Case 9:** Manage products test

#### **Description:**

The objective of this test is to verify that the user can manage products. Sellers' capability to manage products via create-retrieve-update-delete (CRUD) actions is the main scope of the test together with the main success scenario and extensions (see Use Cases and Use Case Model document).

#### **Pre-conditions:**

1. System should be available and the seller must be logged in with the appropriate username and password.
2. Seller's product list and adding new product screen is loaded sequentially.

#### **Post-conditions:**

1. System displays relevant new product fields (product name, brand, category, amount in inventory, other optional fields).
2. System updates the seller's product list once mandatory fields are filled.
3. Extension scenarios (system failure, product removal, product update, unique brand and product name) are handled correctly.

#### **Data required:**

1. Seller's mandatory product information (product name, brand, category, amount in inventory).