Version <1.0>

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[Note: Documents described in this section are based on the IEEE 829 standard on testing documentation. Note that we omitted certain sections and documents (e.g., the Test Item Transmittal Report) for the sake of simplicity. Refer to the standard for a complete description of these documents [IEEE Std. 829-2008].]

Revision History

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| --- | --- | --- | --- |
| **Date** | **Version** | **Description** | **Author** |
| <01/12/13> | <1.0> | Updated all required entries | Thomas Trovato |
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# Test case specification identifier

[The Test Case Specification identifier is the name of the test case, used to distinguish it from other test cases. Conventions such as naming the test cases from the features or the component being tested allow developers to more easily refer to test cases.]

This test case shall be referred to as Manage User Accounts Test Case, to denote its relation to the Manage User Accounts use case.

# Test items

[This section lists the components under test and the features being exercised.]

* Alternate account authorization
* Writing new entry to user account collection

# Input specifications

[This section lists the inputs required for the test cases.]

1. Click “Register User” button with username field empty (password is irrelevant)
2. Click “Register User” button with password field empty (username is irrelevant)
3. Click “Register User” button with username already existing in UserAccounts.txt (password is irrelevant)
4. Click “Register User” button with password less than 4 characters long (username is irrelevant)
5. Click “Register User” button with username that does not exist in UserAccounts.txt and a valid password
6. Enter an invalid admin key into the admin key field when prompted
7. Enter a valid admin key into the admin key field when prompted

# Output specifications

[This section lists the expected output. This output is computed manually or with a competing system (such as a legacy system being replaced).]

1.1 Prompt is displayed indicating that the username field is required.

2.1 Prompt is displayed indicating that the password field is required.

3.1 Prompt is displayed indicating that the given username is already taken.

4.1 Prompt is displayed indicating that the password is invalid.

5.1 Prompt is opened asking for an administrator key to validate the registration.

6.1 Prompt is displayed indicating that the administrator key is invalid.

7.1 The given username and password are added to UserAccounts.txt, and the user proceeds to the DataEntryMain activity.

# Environmental needs

[This section lists the hardware and software platform needed to execute the test, including any test drivers or stubs.]

# Special procedural requirements

[This section lists any constraints needed to execute the test such as timing, load, or operator intervention.]

# Intercase dependencies

[This section lists the dependencies with other test cases.]