**Group 2: Test Plan Document**

**Current Document Revision: 1**

**Currency Exchange Program – Exchange!**

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**Revision History Table**

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| --- | --- | --- | --- |
| **Revision Number** | **Date** | **Description** | **Name** |
| **1** | **Apr 17, 2016** | **Initial Document** | **Jason Dudash** |
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# Test Plan for the currency exchange program, Exchange!

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| --- | --- | --- | --- | --- | --- |
| Test Case Number | Requirement Number | Test Description | Expected Result | Actual Result | Pass/Fail |
| 1 | 1,15 | Verify that prior to displaying the GUI for the first time that the rates are obtained and cached for later use. | Conversion rates for all country codes should be obtained and stored on desktop system. |  |  |
| 2 | 1,4,11 | From Exchange GUI click on From currency code drop down and verify that From list of currency codes have been obtained and displayed. | Drop down list should display a list of currency codes should display |  |  |
| 3 | 1,5,11 | From Exchange GUI click on To currency code drop down and verify that To list of currency codes have been obtained and displayed. | Drop down list should display a list of currency codes should display |  |  |
| 4 | 1,2,3,4,5,6,7 | From Exchange GUI select a From and a To currency code and enter the amount 10.00 to be converted. | Converted amount should be displayed |  |  |
| 5 | 1,2,3,4,5,6,7 | From Exchange GUI select a From and a To currency code and enter the amount 10.50 to be converted. | Converted amount should be displayed. |  |  |
| 6 | 1,7,9 | From Exchange GUI select a From and a To currency code and enter the amount 2.0 to be converted. | The source and age of data used is displayed. |  |  |
| 7 | 1,7,8,10 | From Exchange GUI select a From and a To currency code and enter the amount 5.0 to be converted. | The conversion rate should be display. Determine accuracy of the converted amount displayed. |  |  |
| 8 | 1,2,3,4,5,13 | From Exchange GUI select a From and a To currency code and enter the amount 100 to be converted. | A converted amount should displayed for each number entered. |  |  |
| 9 | 1,2,3,4,5,15 | Turn off internet access to PC. From Exchange GUI select a From and a To currency code and enter the amount 11 to be converted. | A converted amount should display using the data stored on the PC. |  |  |
| 10 | 1,2,3,4,5,6 | Turn off internet access to PC. Delete Conversion rate database. Access the Exchange GUI. | An error message should display noting that no conversion rates are currently available. |  |  |
| 11 | 1,2,3,4,5,6 | Do not choose any currency codes. Enter No as the amount to convert. | User should not be allowed to access the amount field. |  |  |
| 12 | 1,2,3,4,5,6 | Choose currency codes. Enter No as the amount to convert. | A default amount of 1 is used and a message is displayed. |  |  |
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