##### Test Pack

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| **Project Name** | LeapMotion Development for Royal Eyes and Ears Hospital |
| **Prepared by** | Minh Duc Nguyen - 171001X |

**Test Summary**

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| --- | --- | --- | --- | --- | --- | --- |
| **Test No** | **Test Type** | **Test Level** | **Program Name** | **Date Tested** | **Date retested** | **OK?** |
| 1 | White Box Static | Integration | LeapMotion Development | 19/10/2013 |  |  |
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**Test No:** 1

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| --- | --- |
| **Test Type** | Black box |
| **Test Level** | Integration Testing |
| **Program Unit Name** | Options Form |
| **Tested By** | Minh Duc Nguyen |
| **Date tested** | 19/10/2013 |

## Test Procedure

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| Step | **Action** | **Expected Result** | **Pass (🗸)** |
| 01 | Form load | Default value 5 will be loaded to Time Required | **🗸** |
| 02 | Form load | Default value 5 will be loaded to Required Fingers which | **🗸** |
| 03 | Form load | Default value 5 will be loaded to Valid Range Multiplier | **🗸** |
| 04 | Form load | Default value false will be loaded to checkbox Apply Weighted Fourier Linear Combined algorithm. | **🗸** |
| 05 | Enter “abcd” to Time Required textbox and press “Save Options” button | A pop up tooltip with a message “Time Required must be an Integer” will display | **🗸** |
| 06 | Enter “123.2” to Time Required textbox and press “Save Options” button | A pop up tooltip with a message “Time Required must be an Integer” will display | **🗸** |
| 07 | Remove Time Required text and press “Save Options” button | A pop up tooltip with a message “Time Required must not be blank” will display | **🗸** |
| 08 | Enter “-1” to Time Required textbox and press “Save Options” button | A pop up tooltip with a message “Time Required must be greater than 0 and less than 5” will display | **🗸** |
| 09 | Enter “abcd” to Required Fingers textbox and press “Save Options” button | A pop up tooltip with a message “Required Fingers must be an Integer” will display | **🗸** |
| 10 | Enter “23123afdf” to Required Fingers textbox and press “Save Options” button | A pop up tooltip with a message “Required Fingers must be an Integer” will display | **🗸** |
| 11 | Remove Required Fingers text and press “Save Options” button | A pop up tooltip with a message “Required Fingers must not be blank” will display | **🗸** |
| 12 | Enter “-1” to Required Fingers textbox and press “Save Options” button | A pop up tooltip with a message “Required Fingers must be greater than 0 and less than 5” will display | **🗸** |
| 13 | Enter “6” to Required Fingers textbox and press “Save Options” button | A pop up tooltip with a message “Required Fingers must be greater than 0 and less than 5” will display | **🗸** |
| 14 | Enter “abcd” to Valid Range Multiplier textbox and press “Save Options” button | A pop up tooltip with a message “Range Multiplier must be an Integer” will display | **🗸** |
| 15 | Enter “123.2asdf” to Valid Range Multiplier textbox and press “Save Options” button | A pop up tooltip with a message “Range Multiplier must must be an Integer” will display | **🗸** |
| 16 | Remove Valid Range Multiplier text and press “Save Options” button | A pop up tooltip with a message “Range Multiplier must not be blank” will display | **🗸** |
| 17 | Enter “-1” to Required Fingers textbox and press “Save Options” button | A pop up tooltip with a message “Range Multiplier must be greater than 0 and less than 10” will display | **🗸** |
| 18 | * Enter “11” to Required Fingers textbox and press “Save Options” button | A pop up tooltip with a message “Range Multiplier must be greater than 0 and less than 10” will display | **🗸** |
| 19 | * Enter “abcd” to Time Required textbox * Enter “23123afdf” to Required Fingers textbox * Enter “abcd” to Valid Range Multiplier textbox * press “Save Options” button | * A pop up tooltip with a message “Time Required must be an Integer” will display * A pop up tooltip with a message “Required Fingers must be an Integer” will display   A pop up tooltip with a message “Range Multiplier must must be an Integer” will display | **🗸** |
| 20 | * Enter “5” to Time Required textbox * Enter “5” to Required Fingers textbox * Enter “2” to Valid Range Multiplier textbox * press “Save Options” button | Options Modal will disappear to show Greeting Modal | **🗸** |

**Test No:** 2

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| **Test Type** | Black box |
| **Test Level** | Intergration |
| **Program Unit Name** | Band Form |
| **Tested By** | Minh Duc Nguyen |
| **Date tested** | 21/10/2013 |

## Test Procedure

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| --- | --- | --- | --- |
| Step | **Action** | **Expected Result** | **Pass (🗸)** |
|  |  |  | **🗸** |