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| **Project Name**: Calculator | |
| **Test Case** | |
| **Test Case ID**: 159 | **Test Designed by**: Alan |
| **Test Priority (Low/Medium/High)**: Med | **Test Designed date**: 2023.10.22 |
| **Module Name**: Length Converter nmi to cm module; | **Test Executed by**: Alan |
| **Test Title**: Conversion of nmi to cm; | **Test Execution date**: 2023.10.22 |
| **Description**: User inputs a length in nmi (nautical miles) and converts it to cm (centimeters) using the Length Converter. |  |
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| **Pre-conditions**: Length Converter is set to convert from nmi to cm. | |
| **Dependencies**: | |

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| **Step** | **Test Steps** | **Test Data** | **Expected Result** | **Actual Result** | **Status (Pass/Fail)** | **Notes** |
| 1 | User selects nmi as the source unit; | nmi | nmi is selected as the source unit. | nmi is selected as the source unit. | Pass |  |
| 2 | User selects cm as the target unit; | cm | cm is selected as the target unit. | cm is selected as the target unit. | Pass |  |
| 3 | User enters the length in nmi; | Enter a valid length in nmi (e.g., 1) | The entered length is displayed. | The entered length (e.g., 1 nmi) is displayed on the converter. | Pass |  |
| 4 | User initiates the conversion; | Convert | Conversion is performed, and the result in cm is displayed. | Conversion is performed, and the result (e.g., 185200 cm) is displayed, based on the conversion rate of 1 nmi = 1852 m. | Pass |  |
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| **Post-conditions:** |
| User has successfully converted nmi to cm using the Length Converter within 6 steps, and the test case is passed. |