## TEST PLAN

### 1.1 Unit Testing

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| --- | --- | --- | --- |
| **Test id** | **Description** | **Expected input** | **Expected output** |
| HH\_01 | Open the application | Click the application icon | Opens the main screen of application |
| HH\_02 | Take input form user | Take Input | Show output |
| HH\_03 | Screen should display calculator screen with basic operations of +, -, \*, / and = | Choose operation to be performed | Display appropriate output |
| HH\_04 | Screen should display button for unit convertor | Click button for unit convertor | Display various options for unit convertor |
| HH\_05 | On clicking unit convertor, the screen should display options for unit conversions like length, weight, area, BMI, currency etc. | Choose from various unit conversion operations | Display screen for selected unit conversion operation |
| HH\_06 | Terminate/Exit from the application | Click the back/exit operation | Application closes |

Table Unit Testing

### 1.2 Integration Testing

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| --- | --- | --- | --- |
| **Test id** | **Description** | **Expected input** | **Expected output** |
| LL\_01 | Check basic operations of calculator (+, -, \*, /) | Select operation | Display appropriate output |
| LL\_02 | Check basic operations of Length | Choose units for conversion | Display appropriate output |
| LL\_03 | Check basic operations of Weight | Choose units for conversion | Display appropriate output |
| LL\_04 | Check basic operations of Temperature | Choose units for conversion | Display appropriate output |
| LL\_05 | Check basic operations of Currency | Choose units for conversion | Display appropriate output |
| LL\_06 | Check basic operations of Area | Choose units for conversion | Display appropriate output |
| LL\_07 | Check basic operations of BMI | Choose units for conversion | Display appropriate output |
| LL\_08 | Check basic operations of Percentage | Choose units for conversion | Display appropriate output |

Table Integration testing