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Version: V 4.3.4

Device Name: Google Pixel

Device OS: Android 10

**Test Case for a Calculator Software**

Test ID	Test Title	Description	Prerequisite	Test Steps	Expected Results
Id_01	Verify the application can be installed in Android 10	Use this software must be need an Android/IOS phone.	Must be connect play store with Gmail and need internet on the device.	1. Go to play store. 2. Search the name of the software "Calculator" 3. Click on install button 4. Load app. 5. Install Properly.	User should be able to load application after installation.
Id_02	Verify after Installation the software.	After installation click on the software icon.	Must be install the software in the device	1. Click the software icon. 2. Waiting for load the software. 3. It's work properly.	After installation it's work properly and when user use it must be very easy to use and not hang the device.
Id_03	Use the software	After installing software check its works properly.	Must be install the software properly in the device.	1. Click on the software icon. 2. Check every features which user need properly. 3. Check the software work firstly.	After click on software icon all things of this software works correctly and also need when user use it for his/her work not hang the device.
Id_04	Verify functions works correctly	Click on the software icon	For checking functions work correctly must	Click every function of the software and	All functions are working properly

			be need install the software in the device.	every functions work properly.	without any difficulties.
Id_05	Verify UI /UX Design	Graphics designs are looking very gorgeous.	Must be install the software properly.	1. Checking display color of the software. 2. Buttons structures are well decorated. 3. Need an option to change theme.	Graphic Design are very good of the software. It's color logo everything is look very attractive and also its color not harmful for eyes.
Id_06	Verify Features of the software	There are many features in a software. This features are very useful for the users.	Follow the test case no 02's prerequisite.	1. First of all check all features in this software. 2. It is a calculator software so must be need all numbers which user need. 3. Check all operators work properly. 4. Checking the two mode of the software working properly scientific mode and normal mode.	All the features work properly and user can't face any problem to use.
Id_06.01	Verify operators of the software	There are many operators in a calculator software.	Follow the test case no 06's prerequisite.	1. In a calculator software four operators are must be need. 2. Operators fulfill their activity.	All operators are works properly.

				3. Which think I want to calculate operators calculate it frequently.	
Id_06.01a	Verify “+” buttons works properly.	This button mainly addition one number to another number.	Must be the software work properly.	1. First of all tap on a number button. 2. Then click the “+” button for addition. 3. Click another number for calculation.	Click Two number for addition and calculation successful and also showing the actual results.
Id_06.01b	Verify “-” buttons works properly	This button mainly subtraction one number to another number.	Must be the software work properly.	1. First of all tap on a number button. 2. Then click the “-” button for subtraction. 3. Click another number for calculation.	Click Two number for subtraction and calculation successful and also showing the actual results.
Id_06.01c	Verify “*” buttons works properly	This button mainly multiplication one number to another number.	Follow the test case no Id_06.01b’s prerequisite.	1. First of all tap on a number button. 2. Then click the “*” button for multiplication. 3. Click another number for calculation.	Click Two number for multiplication and calculation successful and also showing the actual results.
Id_06.01d	Verify “/” buttons works properly	This button mainly division one number to another number.	Follow the test case no Id_06.01a’s prerequisite.	1. First of all tap on a number button. 2. Then click the “/” button for dividing.	Click Two number for division and calculation successful and also showing

				3. Click another number for calculation.	the actual results.
Id_06.01d	Verify “=” buttons works properly.	This mainly use for showing calculating results.	Follow the test case no Id_06.01a’s prerequisite.	1. First of all tap on a number button. 2. Then click the “+”, “-”, “*”, “/” button for calculation. 3. Click another number for calculation.	Use any type of operators for calculating and click the equal button showing the actuals results.
Id_06.02	Verify the calculator have 9 numeric digit or not	Every calculator have 9 digit for calculation.	Follow the test case no 03’s prerequisite.	1. Click the software icon. 2. Enter the software. 3. Check every numeric number	All numeric numbers are in the software.
Id_07	Verify that hitting 'C' cancels any digits or operation added	After calculating or erase a number need this button.	Follow the test case no 03’s prerequisite.	1. Enter a number for calculating. 2. If the number is wrong press the cancel button for erase it. 3. After complete a calculation and showing the results then press cancel button for new calculation.	‘C’ button work successfully
Id_08	Verify that by pressing the operations when no number is present does not have any effect on	This is an edge test case of a system.	Follow the test case no 03’s prerequisite.	1. First of all click a number. 2. Then press an operator.	Check any effect show after calculation.

	the upcoming calculations			3. Press the “=” button for calculation. 4. Show the output after pressing equal button.	
Id_09	Verify calculator should not allow characters.	Calculator is only use for calculation not use for typing characters.	Must be install the software properly and work successfully.	Check any characters without cancel button in the software.	Calculator software can't allow any characters.
Id_10	Verify the spacing between the two buttons	Need space button to button.	Follow the test id 09's prerequisite.	1. Click on the software icon. 2. Check a simple space between buttons to buttons.	Every buttons have a space it's beside button.
Id_11	Verify the button present on Calculator	Some buttons are need in this software.	Must be install the software properly and work successfully.	1. Click on the software icon. 2. Check which button need in this software. 3. After checking exit from the software.	All buttons are present in the software which need a user.