

## **Testcase on Tip Calculator**

**TC01:** Check responsive

**Description:** Open your application in different digital devices like desktop, phone and tablet etc.

**Expected result:** It should be responsive in all the digital devices.

**TC02:** Check for the operating system

**Description:** Open your application in different operating system like windows, Android and Ios etc.

**Expected result:** It should work properly in all the operating system.

**TC03:** Reaction of calculate button on empty bill amount field.

**Description:** Fill the detail in the input boxes and keep bill amount field empty.

**Expected result:** It should show “Fill Bill field!”.

**TC04:** Check negative value for bill amount input.

**Description:** write a invalid value in bill amount field like put some negative value (-1) then click calculate;

**Expected result** It should show an alert with message “Bill should be greater than 0!”.

**TC05:** Check **enter** button functionality on calculate.

**Description:** Fill out the details in the input fields then press enter.

**Expected result:** It should show the required result.

**TC06:** Check valid value for tip %.

**Description:** fill out the details in the input field and put negative value in the tip % field then click calculate.

**Expected result:** It should show an alert with message “Tip should be greater than 0!”.

**TC07:** Check for negative value in No. Of people.

**Description:** Fill out the details in the input fields and type some negative value like -2.

**Expected result:** It should show an alert with message “Invalid number of people!”.

**TC08:** Check the functionality of Reset button.

**Description:** fill out the details in all the input field then click reset.

**Expected result:** Value of all the input field should be vanished.

**TC09:** Check reaction of tab button on UI.

**Description:** Open the application and then press the tab.

**Expected result:** The typing cursor should be visible in the first column, after that you can directly type in the input field with your keyboard.

**TC10:** Check functionality of calculate button.

**Description:** fill out the details in all the input fields then click calculate button or press enter.

**Expected result:** The correct value should show in the front of “tip per person” and “total bill per person”.

**TC11:** Check reaction of calculate button on all empty fields.

**Description:** Open the application and then press the calculate button.

**Expected result:** It should show that the “Fill all the fields!”.

**TC12:** Check function of arrow keys.

**Description:** Open the application and type some value in the input fields then press up and down arrow keys.

**Expected result:** On pressing the upper key the value should increase and on down key the value should decrease.

**TC13:** Check for character inputs.

**Description:** click on the input fields and press any character value from the keyboard.

**Expected result:** The input field should be still empty. It should not take any character value.

**TC14:** Check reaction of reset on output.

**Description:** fill out the details in the input field, then click calculate and after that result will be visible then click on reset button.

**Expected result:** Along with the input values the output should again reset to zero.

**TC15:** Check functionality of copy and paste.

**Description:** Fill the detail in one of the input field then select the text of the input field and press Ctrl + C and then go the another input field and press Ctrl + V.

**Expected result:** The value should copy from the one input field and paste into another input field.

**TC16:** Check functionality of tab button on all input fields.

**Description:** Open the application and then type value in the first input field then press the tab button.

**Expected result:** The control should automatically forward to the next input field.

**TC17:** Check the input limits of input field.

**Description:** Type the maximum value which you can write in the input fields.

**Expected result:** It should show the correct result as per the given input.

**TC18:** Check reaction on zero bill amount.

**Description:** Type the bill amount zero and the natural number in the tip percent and no. Of people then click calculate button.

**Expected result:** The output i.e. tips per person and total amount per person should still show zero.

**TC19:** Check reaction if one is negative another is empty.

**Description:** Type the negative value in the one input field and keep one field empty then click the calculate button.

**Expected result:** The application should first approach for the empty field and it will show an alert for empty field.

**TC020:** Reaction of calculate button on empty tip percent field.

**Description:** Fill the detail in the input boxes and keep tip percent field empty.

**Expected result:** It should show “Fill Tip field!”.

**TC21:** Check for fractional value in No. of people.

**Description:** Fill out the details in the input fields and type decimal value in the no. Of people field.

**Expected result:** It should show an alert with message “Invalid number of people!”.

**TC022:** Reaction of calculate button on empty number of people field.

**Description:** Fill the detail in the input boxes and keep number of people field empty.

**Expected result:** It should show “Fill Number of People field!”.

**TC023:** Check for zero value in No. of people.

**Description:** Fill out the details in the input fields and type zero in no. of people field.

**Expected result:** It should show an alert with message “Invalid number of people!”.