

GrapeCity Assignment - Tip Calculator

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Launching the App

1. Check if the app is launched successfully or invoked successfully from the web interface
2. Check the app is loaded fully is visible on the device interface (screen objects are not cropping)
3. Check that the app still operates as intended, if the device resumes from inactive mode
4. Check if the application crashes on launching, or on different interfaces or different screen resolutions

Interface testing

5. Check if all the text in the application is clear and readable
6. Check if all input fields are accepting inputs
7. Check if it throws an error if bill value is less than or equal to 0.
8. Check if Tip % is going below 0 (Tip % \geq 0)
9. Verify that the layout of all the buttons is fine and not too closely placed

Features testing

10. Check if ' + ' and ' - ' buttons are working and incrementing and decrementing values by one respectively
11. Check if the calculate button works
12. Check if the results are accurate and precise
13. Check if the bill is empty then the split value is NaN
14. Check if the output value of split is precise up to two places of decimal
15. Check if number of persons (split) is going below 1 (Split number \geq 1).

Performance testing

16. Check if the application is resizable and responsive
17. Check the performance of the app on the different internet networks
18. Check if the UI of the application is fair enough.
19. Check the CPU usage of the application by opening task manager.
20. Check that the app still functions as designed when "battery low" notifications appear on the screen