**UI related Test cases**

1. Verify that the Application contains Bill amount , Tip percentage and Number of people field.
2. Verify that Application contains Tip per person and Total person.
3. Verify that calculator contains $ sign before Bill amount field.
4. Verify that all the text are of same font size and font style.
5. Verify that all the fields such as Bill Amount , Tip percentage and Number of people fields have a valid placeholder
6. Verify that Enter/Tab key works as a substitute for the Calculate button.
7. Verify that the labels float upward when the text field is in focus or filled (In case of floating label)
8. Verify that all the required/mandatory fields are marked with \* against the field
9. Verify that the validation of numeric fields by entering alphabets and characters.
10. Verify that calculation button changes colour when focus appears to the button.

**Functional Test cases**

1. Verify that system generates a validation message when clicking on calculate button without filling all the fields.
2. Verify that entering zero(0) on mandatory fields lead to validation error.
3. Verify that entering negative numbers on mandatory fields lead to validation error.
4. Verify the behaviour of the calculator by entering long numeric strings.
5. Verify that the validation of numeric fields by entering alphabets and characters.
6. Verify that application displays Tip amount and Total amount per person after submitting every required input and then by clicking the calculate button.
7. Verify that when the page is reload, all input and output will set to their initial values.
8. Verify that application gives correct results in tip amount and total amount per person.
9. Verify that application compatibility in different environments like OS, Devices or Browsers.
10. Verify that Application should meets all the requirements listed by the client.