Design Plans

In "TIP CALC", the bill amount is entered using edit text which supports decimal value as the amount can be added both in dollars and cents. The default bill is $0.

The Tip% as well as People can be entered using the discrete seek bar of android. Here, the default value for tip% is 15% and for People is 1.

The two buttons CALCULATE and CLEAR ALL are used to calculate the tip and resetting as well as clearing the bill amount respectively.

The four Text view are used to show the TIP, TOTAL, TIP PER PERSON, TOTALPER PERSON. On app start the default values for all of labels is $0.00

Also, the calculation results are rounded to two decimal places.

Milestones

Understanding Requirement, Wireframe and Design -1 day (Attached Wireframe img – Wireframe.png)

Implementing Logic, Validating all Test Cases and Documentation - 1 day(Attached is the file of Design Plan & Testing Plan – Design Plan.pdf & Testing Plan.pdf)

Limitation

People can be not more than 25 while entering value from the discrete seek bar in TIP CALC.

Design Limitation

The edit text for BILL, the android keyboard provides many buttons like comma (,), underscore (_), etc. that are of no significance.