**Tips and Tax Calculator in Android**

**Abstract:**

**The Best companion every time you need to calculate a tip or divide a meal between your friends. This tip calculator application not only calculate tip quickly but also helps split the bill between any number of people. Round up or round down on any value on the tip calculator and see changes to the tip percentage, tip amount, total amount and amount payable per person immediately. Find the tax for the bill amount and immediately see the individual bill also. This application can calculate the single person bill also.**

**Existing system:**

**In existing system the tip amount will be calculated using the normal calculator. Their not using the specific calculator for tips calculator. In existing their not calculating the doubles values .In previous theirs no round up and round down operations to be calculate. Cannot find the tax for total bill and individual bill .**

**Proposed System:**

**If you're too deep into your food coma to adequately calculate how much each party owes for the bill, tap open Tip Calculator. The free app, like others in its class, is simple, but rapidly breaks down the total each diner owes. Thankfully, this tip calculator requires that you only type in the number of people and the total bill; then select a preset tip percentage or add your own. Tip Calculator reads out the tip amount, the total bill, and how much each diner owes. Having the app remember your usual tip *setting between sessions would improve it, as would the ability to add your own present tip amount .calculate tax for your bill amount.***

***Advantages:***

1. ***Calculates in real time***
2. ***Shake device to reset (turn on/off via menu)***
3. ***Split bill between any # of people and separately adjust each individual's amount.***
4. ***Specify your own custom tip percent(set default in menu***
5. ***Added honey comb photo gallery.***
6. ***Move to SD***
7. ***Calculate Tax.***

**Modules:**

**1.Bill Details**

 **i.Total bill amount:**

 **The total bill amount to be entered in the perticluar editable box ii.Percentage of tip:**

 **The tip percentage to be entered into the corresponding editable box.The tip percentage will be your choice.**

 **iii.Number of people:**

 **How many number of people to be entered into the related editable box.That box will give the share for the each person bill amount.**

 **2.Calculate:**

 **i.Tip amount**

 **ii.Total to pay**

 **iii.Total per person**

 **The total tips amount to be calculated and how much amount to be payed.and finally calculate the amount for total per person.**

**3.Reset:**

**Reset the all the fields and re-enter the others bill details.**

**4.Tax Calculate:
 The will be calculated for your bill amounts.The tax percentage will be given your wish.The tax will be calculated for total bill and single person bill also.**

**5.Individual Bill Details:**

 **Calculate the total bill amount from individual bill amount ,that bill amount contains tax for single person ,tips amount for single person and total bill for single person.**

**Hardware Requirements:**

* **System : Pentium IV 2.4 GHz.**
* **Hard Disk : 40 GB.**
* **Floppy Drive : : 1.44 Mb.**
* **Monitor : 15 VGA Colour.**
* **Mouse : Logitech.**
* **Ram : 512 Mb.**

Software Requirements:

* **Operating system : Windows XP.**
* **Coding Language : Java 1.6**
* **Tool Kit : Android 2.2**
* **IDE : Eclipse**

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