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Mobile App – Fall 2015

The Utilities Utility

My goal is to create a simple application that breaks down bills evenly across roommates and results in a final total for each tenant, thus ensuring one person does not end up overpaying or being owed an excessive amount of money. One core feature is building in rows where suggested evenly split values are placed, but text boxes will remain available in order for the user to input personalized values if there is a variance in room price or one roommate does not use a utility. Ultimately, it will sum up all owed amounts by roommates in a separate screen containing a breakdown of expenditures per person.

Pseudocode

Editable textview that allows input of number of roommates stored in an index

Editable textview that allows input of roommate names in order

Certain amount of editable textview(s) that allows input of utility(s)

Breaks down overall utility prices between number of roommates

special circumstances for a bill such as rent variance

submit button

new view

displays roommates according to what number index they are

under each roommates displays breakdown of bill for that individual

(potentially a button that automatically copies to clipboard to allow users to easily paste into email or text to roommates)

