STUDENT EXPENSE TRACKER SYSTEM TEAM #37

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Application Concept:
- Help college students keep track of their expenses and save money
- View recent expenses and where they have been shopping

Key Functionality
- Users can track total expenses
- Users are able to list their expenses along with the location associated with them
- Users can delete and edit expenses.

Rough Architecture
- XML layout file using constraint layout
- Firebase database for user information
- Expense Activity
    - Will have functionality to add, edit, and delete expenses from the user's firebase database
- Add button to add an expense
    - After user has successfully added the expense, the application updates/increases the total expense value at the top of the screen

List of Android System Components We Expect to Implement
- TextView for the recent expenses -- allows user to scroll
- Add button -- adds expense to user's list
- Long Click -- user can edit the expense, location, or delete the expense

Consider what special resources you may need, such as a networked server, database, etc.
- We will use Firebase to hold user information

List of work Items that each Team Member
- Mohini
    - Main_Layout file (xml uses ConstraintLayout)
    - ExpenseInfo Activity for each entry (expense & location)
    - Continue thinking of application features
- Peter
    - Set up a Firebase database
    - Continue thinking of application features
- Matthew
    - Main activity for launching application
    - Continue thinking of application features

SET$tudo

Total Expense: $30

Expense: $10
Location: Dunkin' and Donuts

Added when user adds an expense
after clicking the button below

Expense: $15
Location: Starbucks

Long click on any box here would
allow the user to edit expense or
location or give the choice to
delete it entirely

Expense: $5
Location: McDonalds

User can
scroll in this
space, where
expenses are
sorted by date

ADD AN EXPENSE