



YOUR APP NAME

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SUMMER APPATHON

OVERVIEW

- **App Name:** MoneyMinder
- **App Description:** A personal financial application which keeps track of where your money goes and offers intuitive charts and displays to help you know and remember exactly where your finances are distributed
- **Track:** Youth Individual
- **Category:** Personal Finance



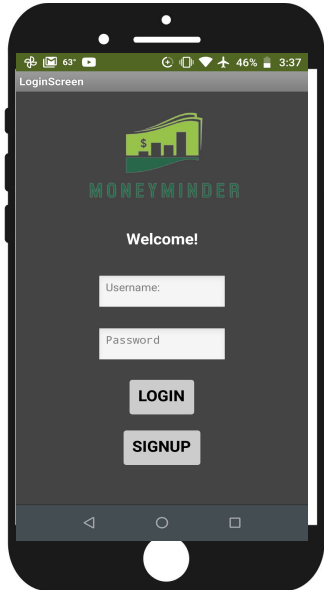
THEME

In 100 words or less, describe the problem that you chose to address, and why you were interested in solving it. Please note that this portion of your submission will be published if you are selected as a finalist or winner.

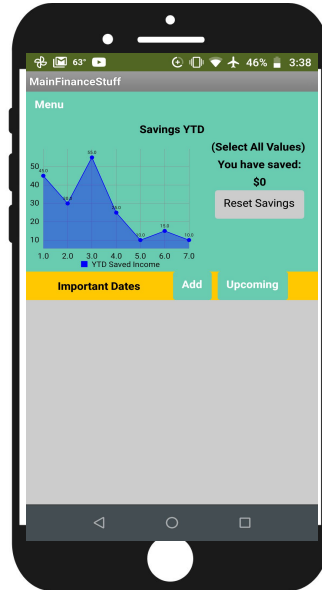
More often than not, our money gets lost in the endless confusion of where we save and spend. As I figured out very quickly when I got my first job, traditional methods of tracking finances on paper and pencil can instantly become overwhelming with the continuous transfers and deposits that we make. As I was struggling to track where my income was going between savings, bills, investments and more, I felt as if there had to be a way to design an application that would allow users to visually track where their money went.



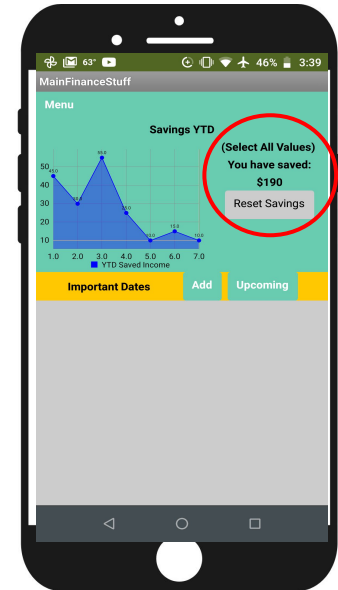
INSTRUCTIONS



Step 1: Login/Signup Screen for users



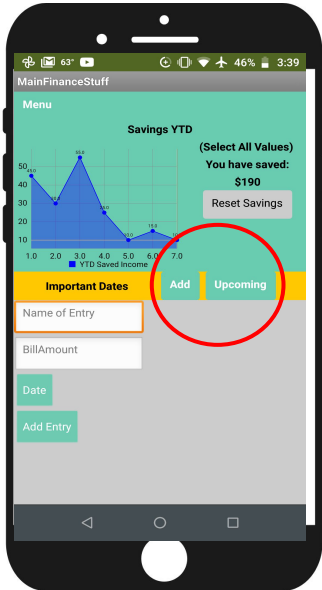
Step 2: Home Screen with two main features: Calculate YTD Savings and Add Important Dates/Events. A graph with the Year-To-Date Month vs Savings has already been graphed from Google Spreadsheet Data from pas sessions



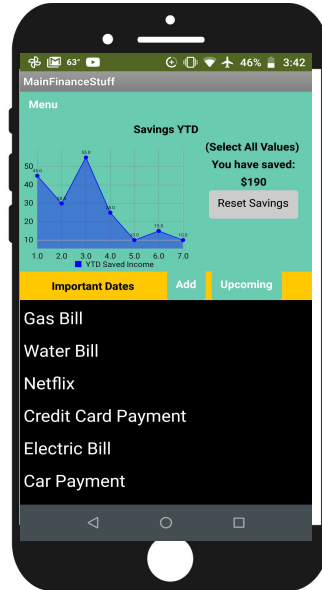
Step 3: Calculate YTD Savings: Click on all entries desired and the total amount will appear. Press the reset button to recalculate for different entries



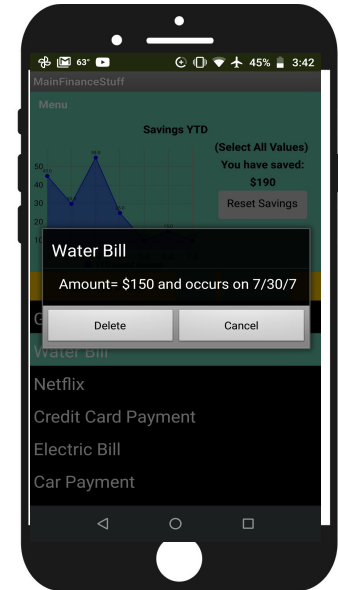
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Step 4: Add Important Dates: Press the “Add Button” Add the Event Name, Monetary Amount, and Select the Date. Press the “Upcoming Button” to view entries



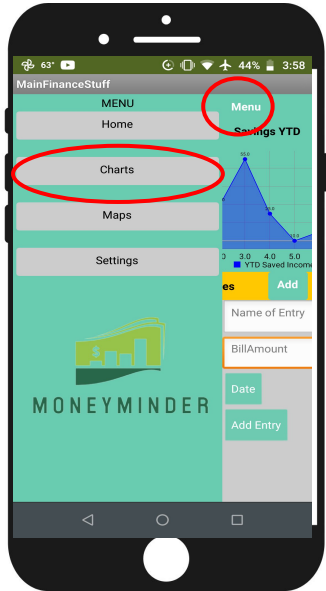
Step 5: In the Upcoming Tab, Users can see their entries. Each entry is stored in CloudDB along with its name, monetary amount, and date. As such, the events will still be there if the user signs out and logs back in.



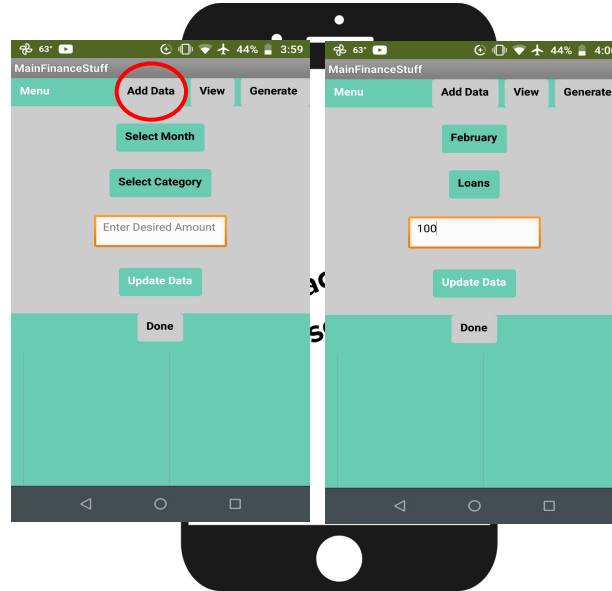
Step 6: After pressing on an entry, the user can view specific details and choose to delete it. If deleted, the entry is removed from CloudDB and no longer appears



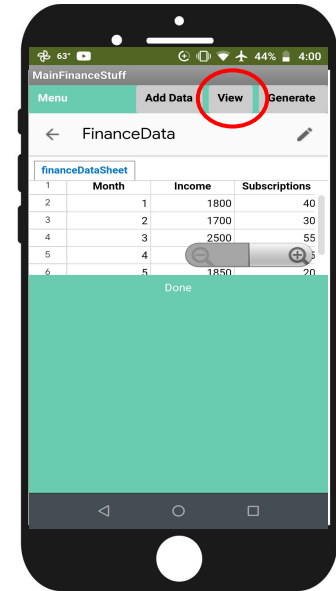
INSTRUCTIONS



Step 7: Press on the Menu Button and Navigate to the Charts Tab



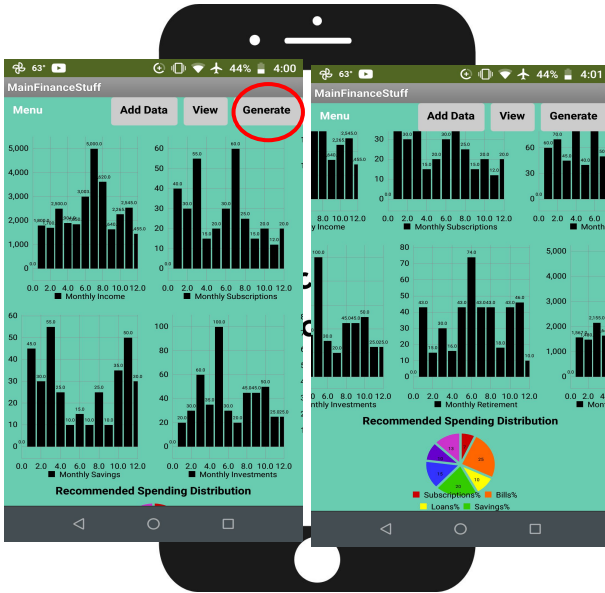
Step 8: In the “Add Data” Tab, users enter a month and category from two ListPickers. Then, add a monetary amount and press “Update Data”. The entries will be added to a Google Sheet



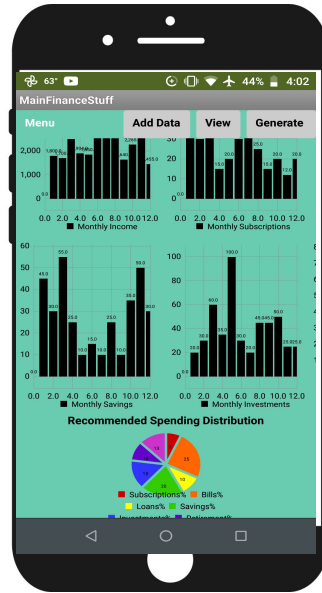
Step 9: In the “View” Tab, users and view the Google Sheet and verify that their entries are all correct



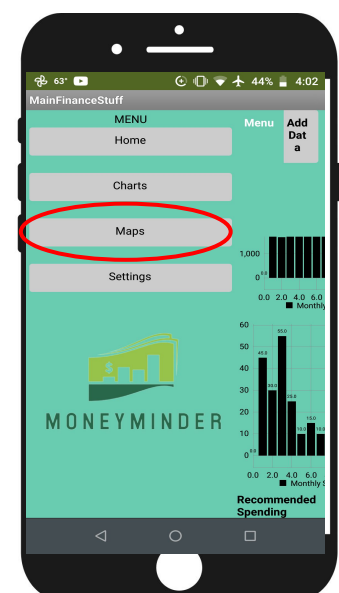
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Step 10: When the User presses “Generate”, the app will retrieve all provided data from the Google Sheet and turn it into graphs



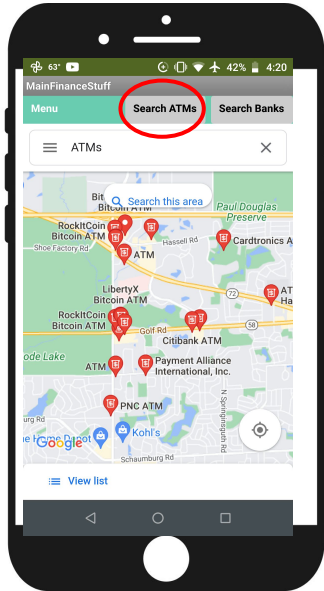
Step 11: There is a graph relating between the Month and the Category (ex. Subscriptions, Loans, Investments, etc.) to give a visual gauge for the user’s spending. The screen is scrollable to view all graphs along with a pie-chart recommended budget at the bottom



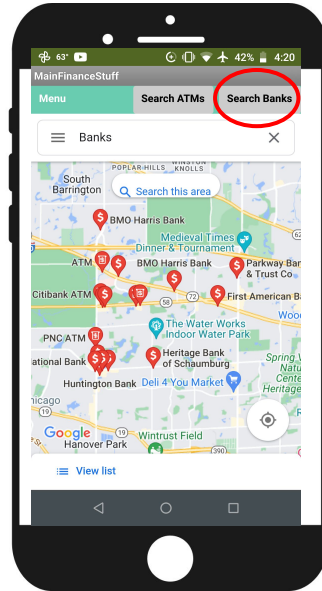
Step 12: Press the Menu Selection Button and navigate to the Maps section



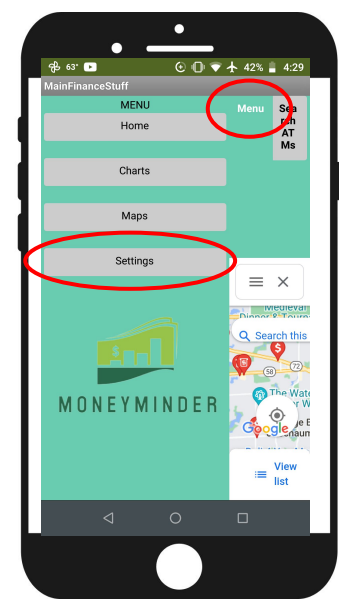
INSTRUCTIONS



Step 13: An empty screen appears. Press the “Search ATMs” button to display local ATMs . The user’s latitude and longitude are provided by the map component- as such, the user can be anywhere for the location to work



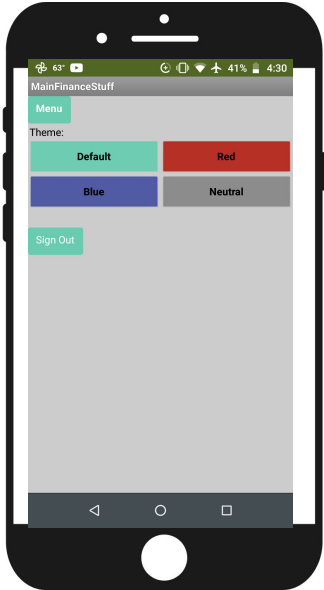
Step 14: An empty screen appears. Press the “Search ATMs” button to display local ATMs . Again, latitude and longitude are determined by the Map Component (hidden).



Step 15: Press the Menu Selection Page again and navigate to the Settings Page



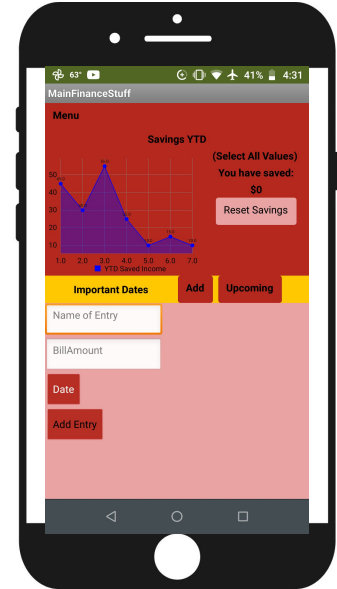
INSTRUCTIONS



Step 16: MoneyMinder has four colored themes: default (current), red, blue, and neutral. Whenever a theme is selected, the App makes use of “Any Component” blocks to seamlessly transform the theme. Additionally, the theme selected is stored in CloudDb, meaning it is preloaded for each login



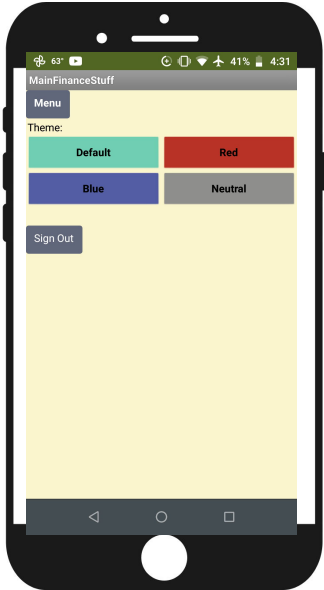
Step 17: Pressing the Red Theme button



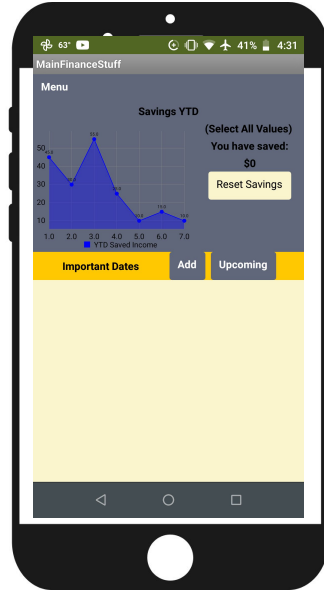
Step 18: Example of the Red Theme Selected and implement in the app through the “Any Component”



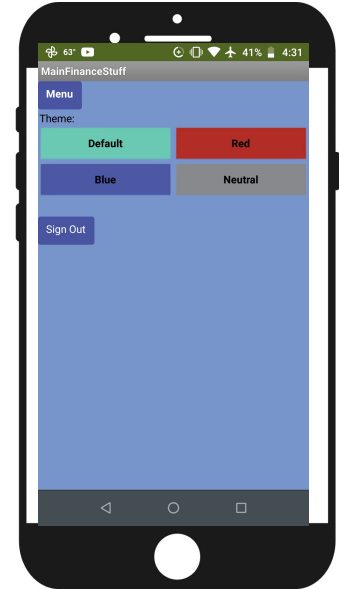
INSTRUCTIONS



Step 19: Pressing the Neutral Theme button



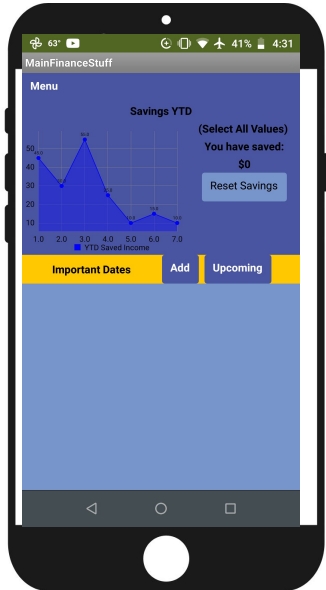
Step 20: Example of the Neutral Theme Selected and implement in the app through the “Any Component”



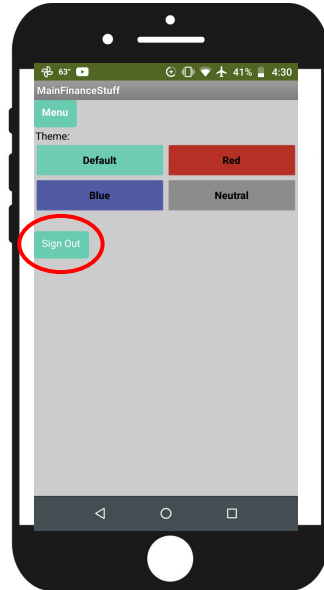
Step 21: Pressing the Blue Theme button



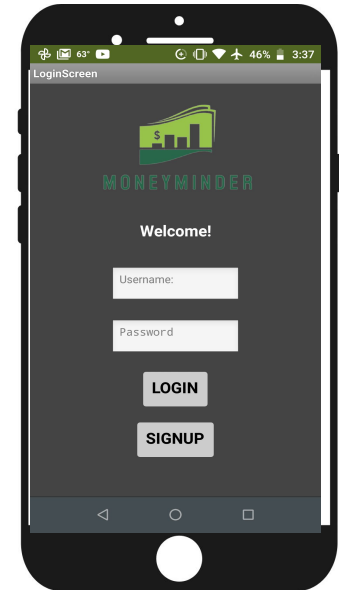
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Step 22: Example of the Blue Theme Selected and implement in the app through the “Any Component”



Step 23: In the Settings Page, press the “Sign Out” Button if done using the App



Step 24: The User has successfully logged out. Their financial data, spreadsheet, Events List, and theme are all stored in CloudDB and will be imported in when the user signs in



LIMITATIONS

In 100 words or less, describe the limitations of your app and what people should carefully consider when using it.

There are several limitations with MoneyMinder. First, each entry for the month and the category must initially be inputted manually which can be a tedious process when first signing up for the app. Additionally, the app does not provide advice based on the user's spending habits, as would be possible by incorporating an AI model (which my phone was unable to handle). MoneyMinder lacks in the sense that it does not provide tailored advice for each user's finances and instead provides tracking methods. As such, users should be aware that they are solely in control for negative spending patterns.



ACKNOWLEDGEMENTS

Please list the names of anyone who helped you with developing your app, and describe what type of help they provided.

- Younger Brother: As I was the one creating the app, I knew exactly what each button and list did. However, as many users would not know what the app would be like, my younger brother would ‘test’ the app for me so that I would know what a first-time user would truly see. His opinions and feedback on the user-interface, color schemes, and organization helped me structure my app better

