

Budget Tracker App

Summary: UW-P / CSCI-324/IOS-based budget-tracker, separate from banking apps. Allows for separate budgets to be set to ensure enough to cover the bills for the day/week/month/year.

Versions:

home: Most final version of the app, only updated with functional features once they work without error.

function-test: Version of the app used for testing features, is updated to match home but has additional unfinished features.

Swift Files:

ContentView:

- The views for all of the pages (minus the detailed balance view, look at home for that)
- Views:
 - WelcomeScreen:
 - Visuals and Styles for the first screen you see when the app is open
 - Access buttons to the BudgetSelectionView and CreateBudgetView
 - CreateBudgetView:
 - It has a finished visual appearance
 - Allows users to choose a name and amount of money for a new budget
 - No limits set for characters or money amount
 - (function-test only) Able to save data created with a button press
 - BudgetSelectionView:
 - Visuals are completed but not final
 - Shows the created budgets two are generated at load, Weekly: Spending and Monthly: Rent
 - (function-test only) Able to access the data from the custom budgets made with CreateBudgetView
 - Budgets are not visible within the app but the data can be found
 - AddSubtractView:
 - Completed visuals
 - Accessed by the view when clicked on the button inside each budget's individual detailed view
 - Able to add and subtract from the selected budget and changes are reflected when inside the budget

- Changes do not show when outside of the budget' specific view
 - They are not saved when the user comes back later so mods would have to be done again
 - ContentView:
 - How the app is accessed so it starts at WelcomeScreen
- home:
 - The only function inside a separate view for functional purposes
 - The detailed balance view:
 - Completed visual design
 - Access back to the selection view and the add/subtract functions are done with buttons
 - Clear where all the parts are located
 - Only the money amount is shown, the specific balance name is not shown for functionality's sake
 - Variables to receive the correct data when selected from another view
- budget_trackerApp:
 - Sends the app to ContentView in ContentView which will bring the user to the home page when the app is loaded
- budget_trackerTests:
 - Unused, was going to be functional examples with different types of accounts)

Other Notes:

- Various protocols, classes, structs, and states are found within the project, these allow for the data to be accessed by multiple parts of the project
- This is a very long file but the notes of the views match the order in which they are written in the file so if you are looking for a specific one just follow this order
- These are written with a mobile format in mind so, emulation of it with one of those is preferred
- The app is not live anywhere on any databases, like Firebase, so the code is needed to access all moving parts, this also means that any changes made will not be saved when the app is opened again
- The progress charts are bare-bones but give a general idea as to what is working currently
- Below is the most updated chart:

Budget Tracker Progress Chart

Key X = done, / = in progress, O = no work yet

Other:

- GitHub - X (<https://github.com/ahe002/budget-tracker>)
- Firebase (optional) - O

Application:

- App Functions - /
 - Enter - X

- Home - X
 - Budget - X
 - Calculator - X
 - Adding Separate Budgets - /
- Background Aesthetics - X
- Text Aesthetics - X
- Documentation- O
- Other Features (Not Final On What They Are) - /