HanaBudget

An Expense Tracker App

The Team!

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Link to repository:

https://github.com/ChicoQuemador1/HanaBudget

The Pitch?

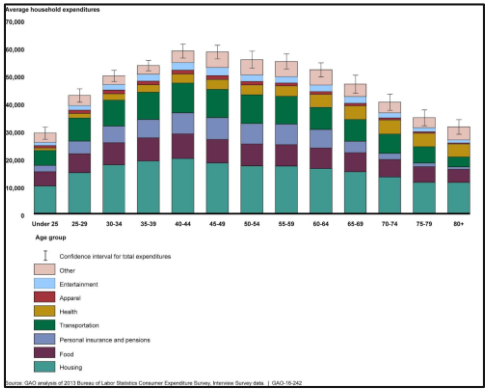
Meet HanaBudget: the friendly and simple expense tracker app. Built with Flutter for a smooth ride on any mobile device and utilizing Atlas by MongoDB for local database management, it ensures your financial data is always at your fingertips, secure, and up-to-date. Whether you're watching your spending, setting up budget goals, or just curious where your money goes, HanaBudget has your back. It's your go-to finance buddy in this busy, connected world, helping you stay on top of your money game without breaking a sweat.

Problems with Trackers Today:

- Complex
- Limited Customization
- Difficult to analyze

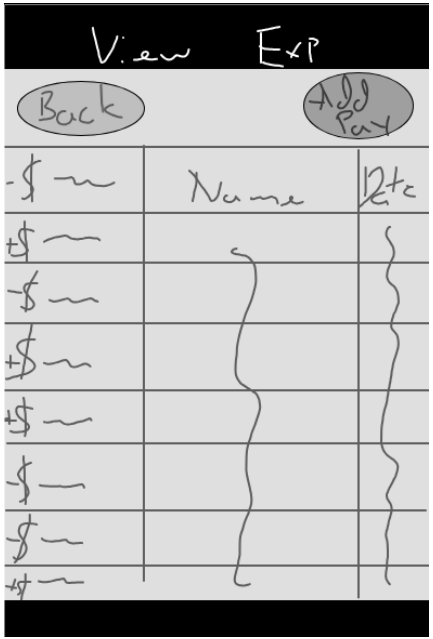
Our Solution:

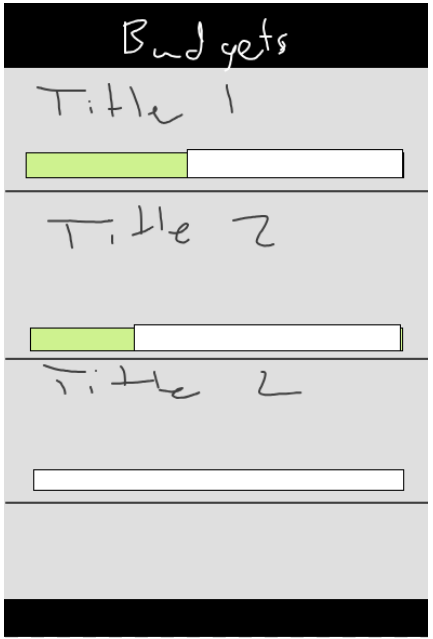
- Made simpler
- Easy to read/access
- Customizable to any user

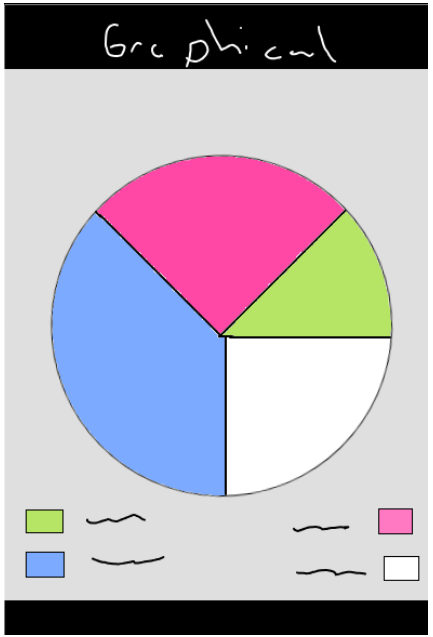


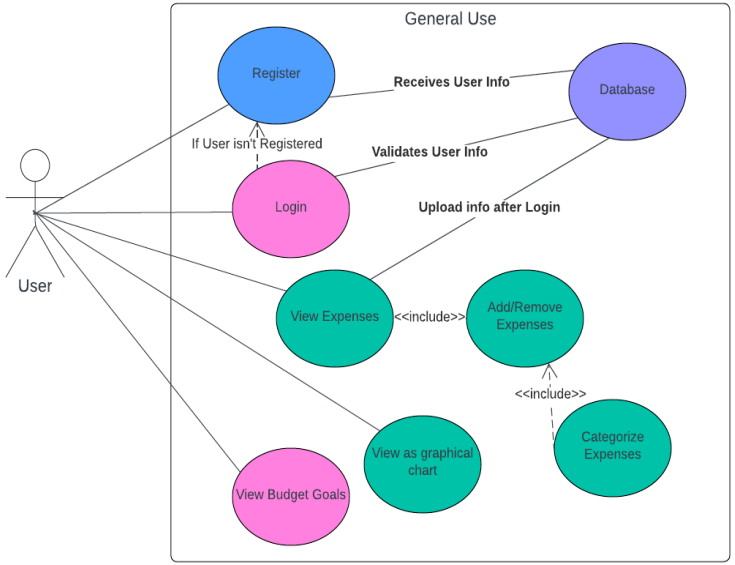
Layouts

Home
view exp.
view Budgets
Graphical View
Sign out


View Exp
Back
Add Pay
Name
Date


Budgets
Title 1
Title 2
Title 2

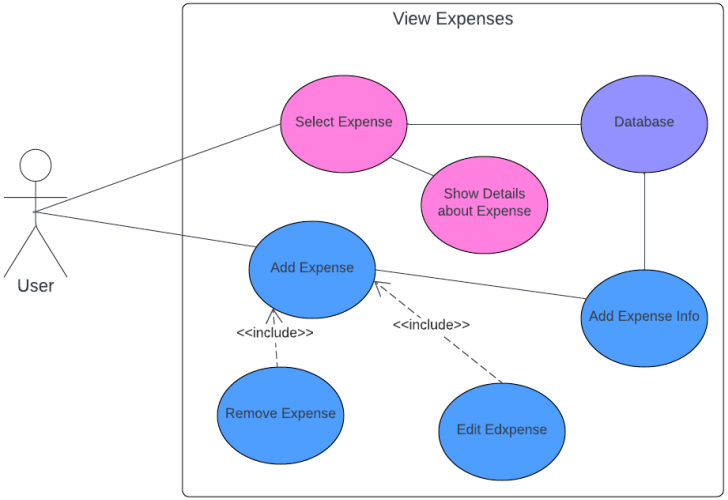

Graphical



01

Home Screen

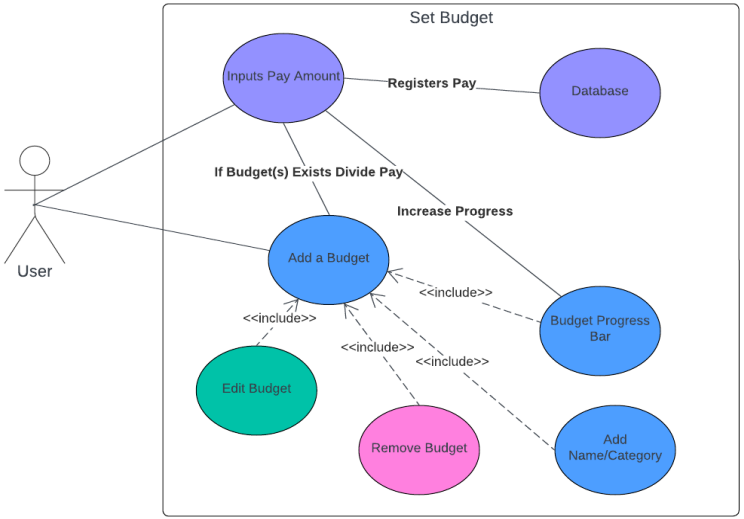
User Experience



02

Expenses

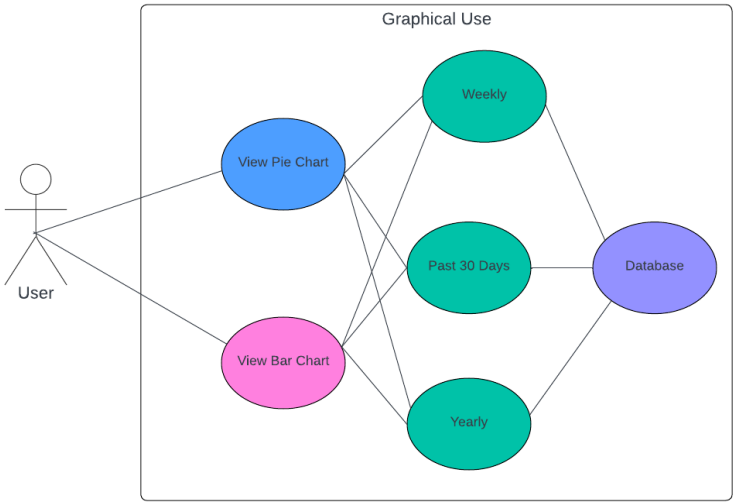
User Experience



03

Budget

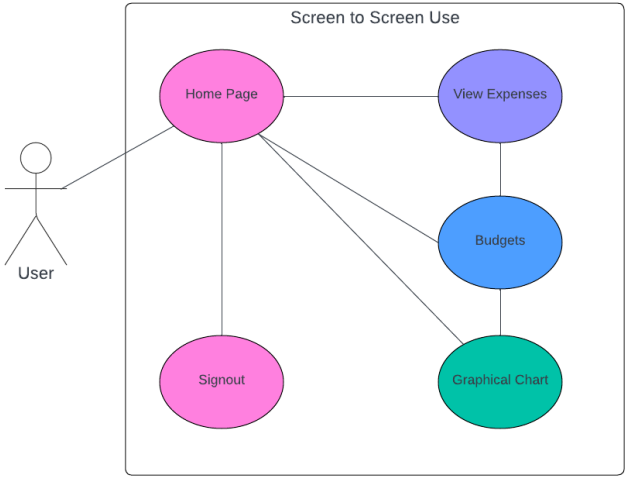
User Experience



04

Graphical View

User Experience



Functionality

Screen to Screen

Iterative Design – Test Case 1

Feedback Loops

After releasing a budgeting feature for beta testing, we collect “user feedback” and “usage data analysis”. A significant portion of feedback indicates that while users like the flexibility of adaptive budgeting, they are often surprised by the suggested adjustments and wish to understand them a bit more.

Improvements

An improvement we could add is implementing a Budget Insight functionality that explains why adjustments are suggested, that are based on past spending trends, upcoming bills, and the user’s income variability.

Iterative Design – Test Case 2

Feedback Loops

Feedback collected from “user surveys” and “app usage analytics” indicates that the multi-step process discourages frequent use form users, especially for logging small transactions.

Improvements

A change that can be made is to implement a "Quick Add" button on the dashboard, allowing users to enter an expense amount and select a category without leaving the home screen.