



# HanaBudget

---

An Expense Tracker App



# The Team!



**Mark Denina**

@mdenina1



**Alexis Cruz Aboytes**

@ChicoQuemador1

**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.

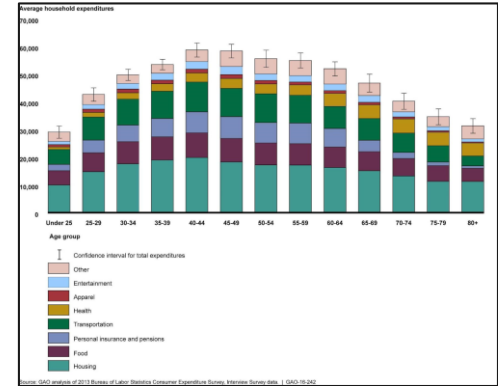


## Problems with Trackers Today:

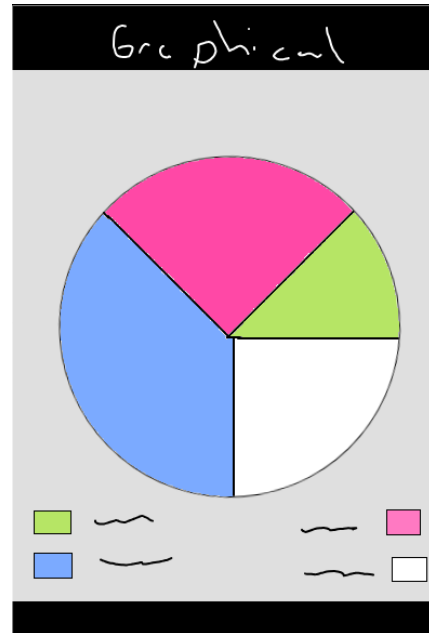
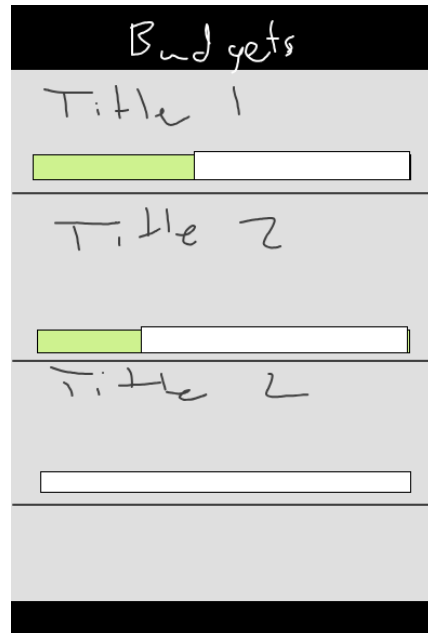
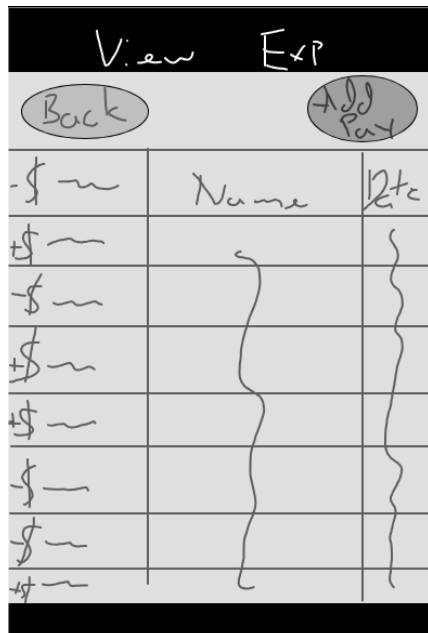
- Complex
- Limited Customization
- Difficult to analyze

## Our Solution:

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



# Layouts

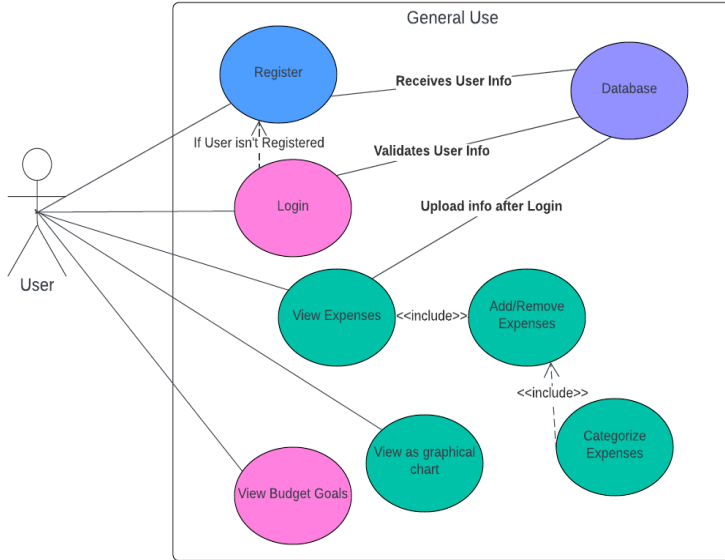


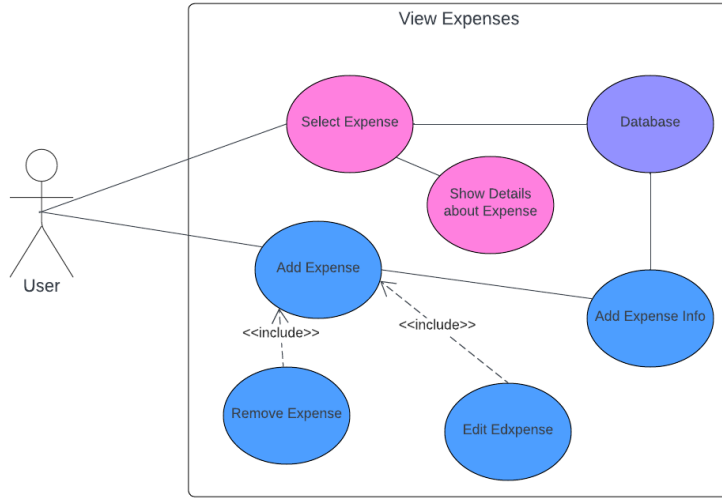


# 01

Home Screen

# User Experience



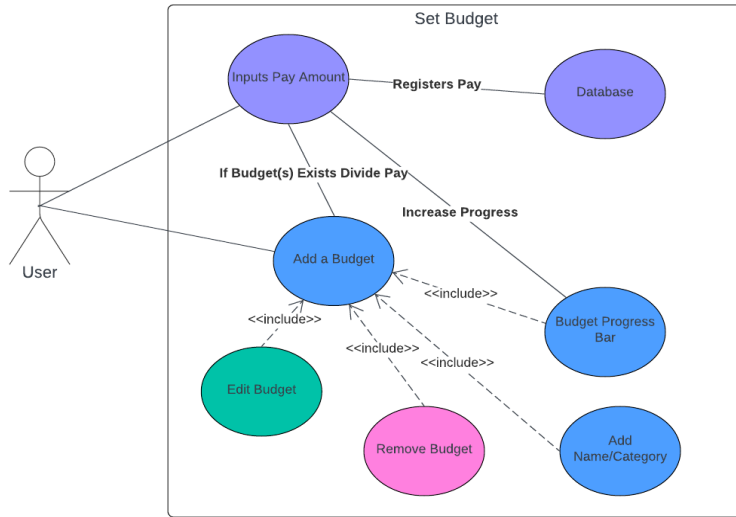


# 02

## Expenses

# User Experience





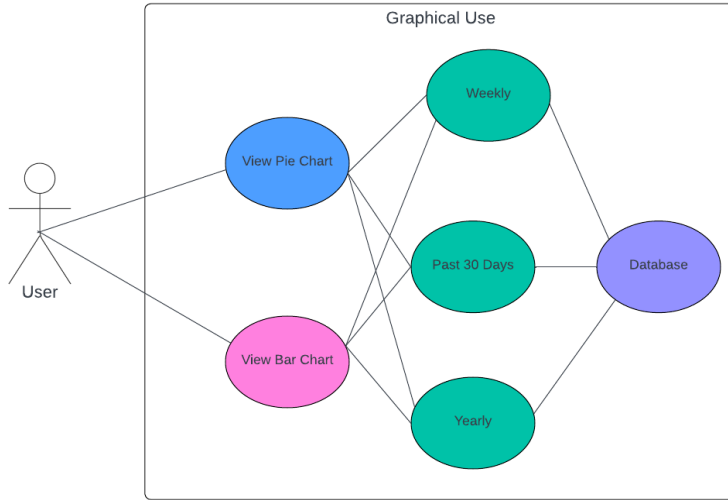
# 03

## Budget

# User Experience





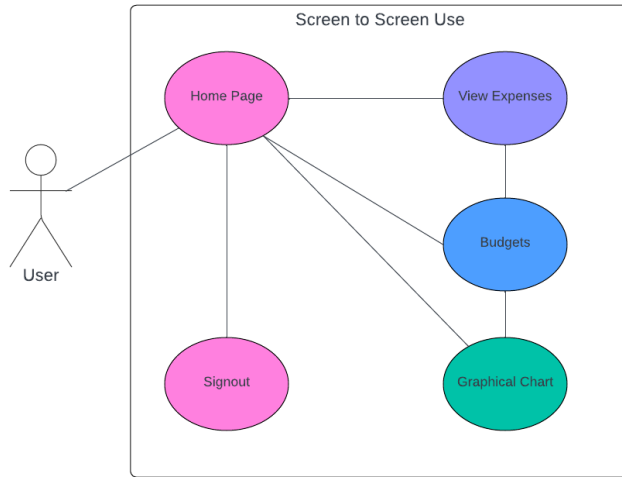


# 04

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 from 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.



**Statement:**

We, the undersigned members of the group, acknowledge that we understand the conditions set forth in this proposal. We are committed to actively participating in the implementation of the group project from start to finish. We understand that individual grades may vary based on our contributions and performance, and we agree to present an important phase of the work collectively.

Signed proposal:

Name: FN Mark \_\_\_\_\_ LN Denina \_\_\_\_\_ [ *Mark Denina* ]

Name: FN Alexis \_\_\_\_\_ LN Cruz Aboytes \_\_\_\_\_ [ *Ken* ]

*This proposal delineates our strategy for crafting an engaging interactive website, emphasizing the utilization of Flutter to orchestrate captivating user experiences. We contend that this initiative resonates deeply with the core tenets of the Flutter framework, particularly its focus on seamless UI development, widget-based architecture, and expressive animations. By harnessing Flutter's robust capabilities, including its rich widget library, reactive framework, and hot reload feature, we aim to deliver an immersive digital platform that seamlessly integrates visually stunning designs with fluid user interactions. We are enthusiastic about the prospects of this endeavor and are eager to embark on this journey to materialize our vision.*

**You will submit the proposal in a PDF or Word Format**

**NO LATE SUBMISSION WILL BE ALLOWED**