

Expense Manager

RoboGarden CapStone Project Showcase Presentation

Runzi Mu, Aug 22, 2023

“Do not save what is left after spending, but spend what is left after saving.”

- Warren Buffett

Expense Manager

A managing tool that makes people's life easier

Explore My Users

Each person is different
It's important to think broadly to capture as much diversity as I can.

Major Target Users
College Students

Age
18 - 22

User's everyday environment

Having class everyday, usually have lunch or dinner at school (busy schedule!!)

Their challenge

At the end of the day (time period), they may notice they are running out of budget

What do they want in a solution that would make their lives easier

They want an easy and simple way to track their expenses, so they can better manager their money

Specific circumstances they might use an app that address their challenge

Whenever they made a transaction or at the end of the day

Consider Diversity

Diversity, because belonging takes all of us
A user's identity and circumstances will have a huge impact on how they'll experience and use an app.

Additional Target Users

Working Professionals and Financial Organizations and more!

Age and Gender

All age, All genders

Languages and Cultures

Multilingual, All Cultures

Disabilities

Individual with difficulty seeing or hearing

What do they want in a solution that would make their lives easier

An tool that provides multiple languages and accessibilities

Causes

The more you dig, you more you would gain

Users are having this problem:

1



2



3



4



5

They don't have time or intend to track their expenses.

This happens because:

It easy to just spend money without thinking and worry about it later.

This is because:

This will make them feel anxious, and their income came either from parents or part time job.

Which is because:

They are too busy working on their study and other stuff, and they think its okay to spend their own money on something they want.

And the result is this core problem:

People are rarely taught the importance of tracking their expense.

We can solve this issue in our app by:

Educate people the importance of tracking expenses periodically and provide insight of better managing the inflow and outflow.

Runzinizer



An expense Managing tool that help lives gets easier

Initial project mockup

Where ideas spark

Capstone Project
Expense Manager
userid

Good Morning, Runzi!

Dashboard

Transactions:

Search:

Report:

MONEY IN \$13,457

MONEY OUT \$9,837

Recent transaction

Grocery shopping \$15

Income \$800

Credit card payment \$230

Rent \$900

e-transfer from k \$200

Uber Eats \$27

charges based on Selected period in the chart
If non selected: Show annual summary

Add Transaction

Date

Amount

Category drop down

Location

Notes

Save

Home Page

Log your data (pop-up window)

Initial project mockup

Where ideas spark

Search by: Category by this [Week/Month/Year](#)

A pie chart divided into three equal segments. Handwritten labels identify them as 'Transportation', 'Shopping', and 'Rental'. Below the chart, a callout box provides specific values: Transportation: \$500 (34%), Shopping: \$500 (34%), and Rental: \$500 (32%). A 'Set your budget' button is located at the bottom right.

Transportation
Shopping
Rental

Transportation: \$500 (34%)
Shopping: \$500 (34%)
Rental: \$500 (32%)

Set your budget

Drop down

Your expense report for this [Month/Week/Year](#)

Expense Report for the Month of July 2023:

During the month of July 2023, you had a total inflow of \$1,000, and your total outflow was \$2,000, resulting in an excess of \$1,000 in expenses.

Category Breakdown:

1. Shopping: \$1,240 (62% of total outflow)
2. Rent: \$600
3. Groceries: \$200
4. Transportation: \$160

Insights and Analysis:

Based on your earlier budget, you had allocated \$800 for shopping. However, you ended up spending \$1,240, which is \$440 more than expected. This overspending on shopping should be a concern, as it accounts for the majority of your total expenses.

Recommendation:

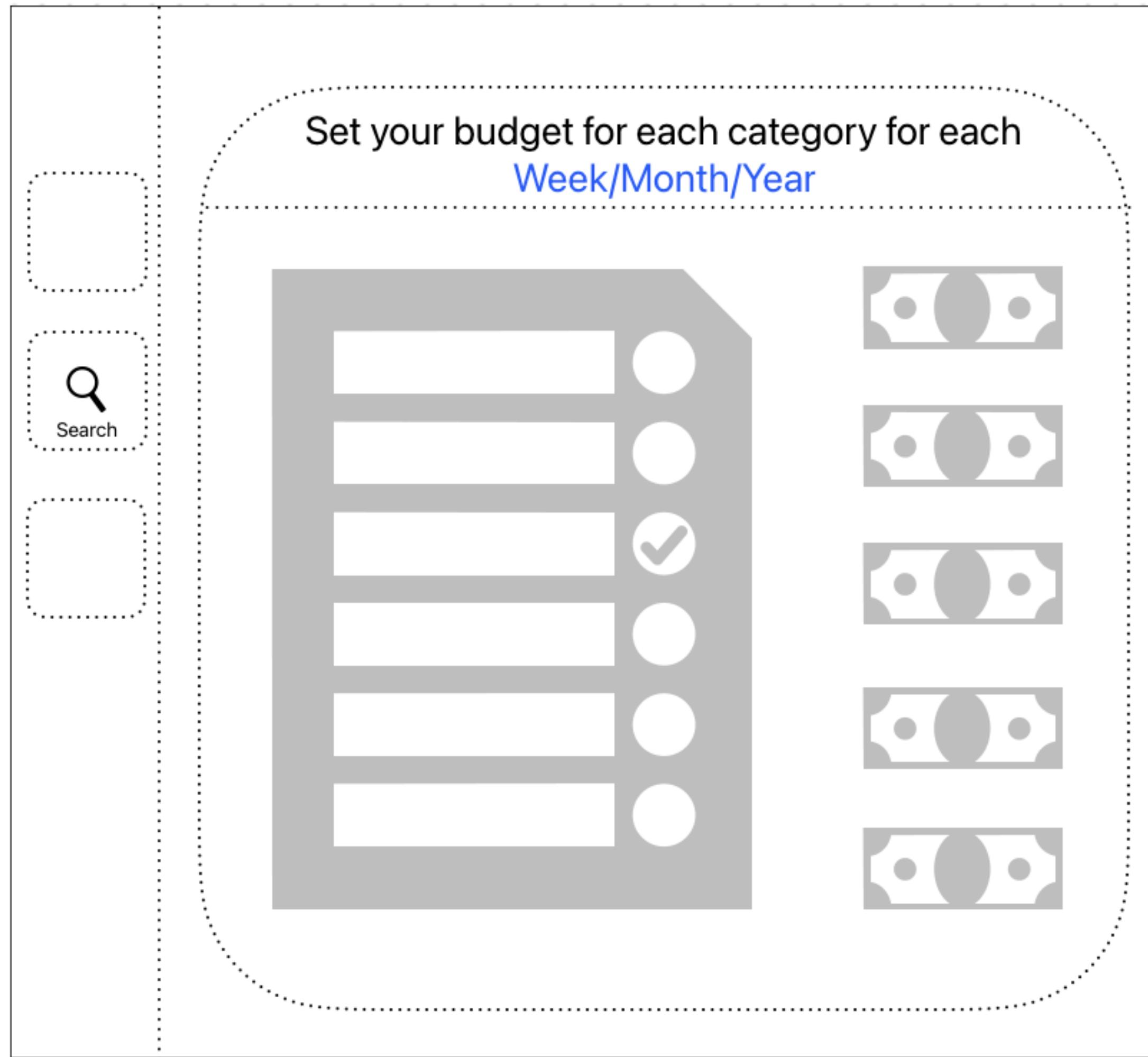
To better manage your finances and stay within your budget, consider reviewing your shopping expenses and finding ways to reduce unnecessary spending in this category.

By making adjustments and being mindful of your spending, you can ensure better financial stability and achieve your financial goals more effectively.

Got it

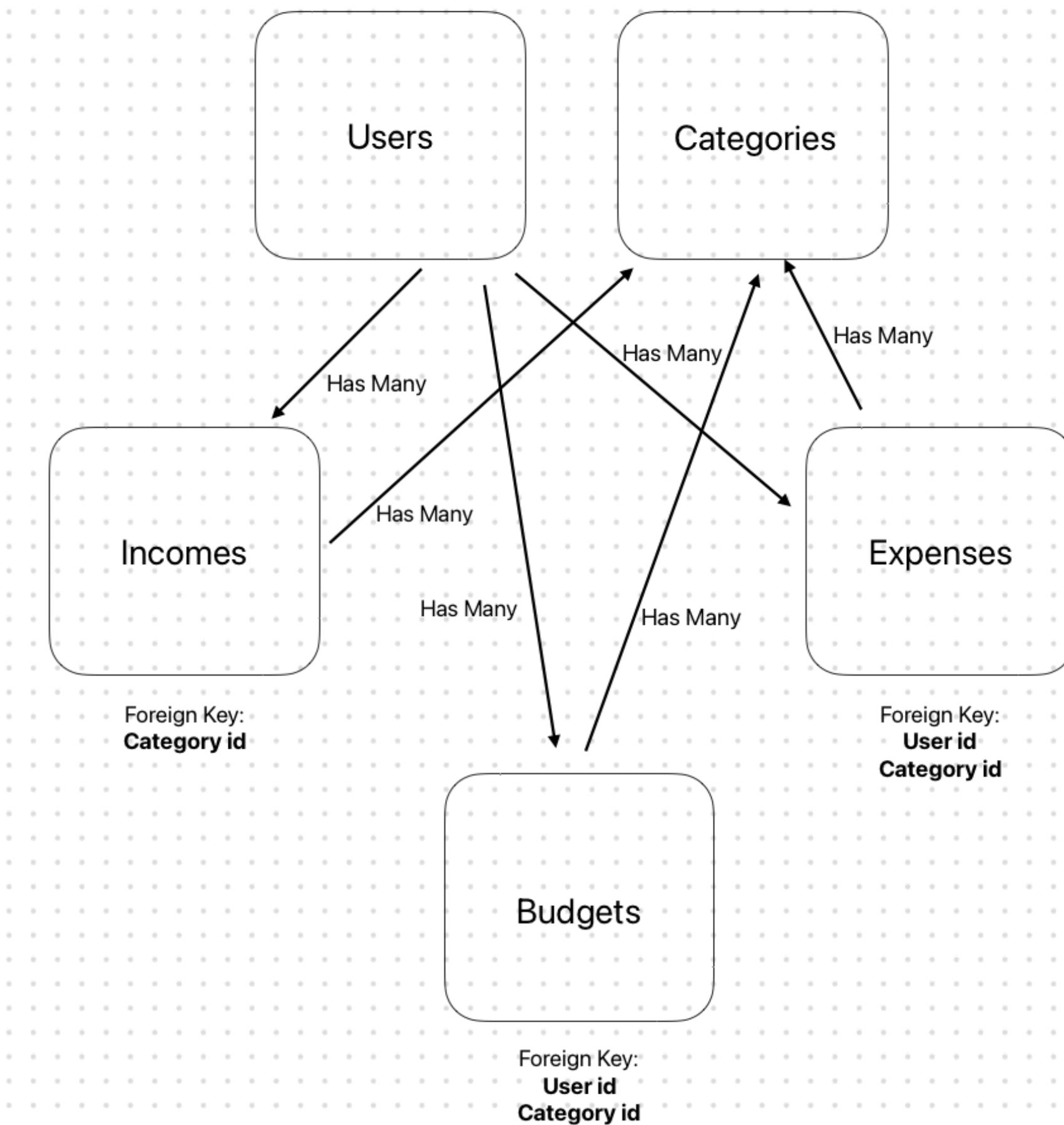
Initial project mockup

Where ideas spark

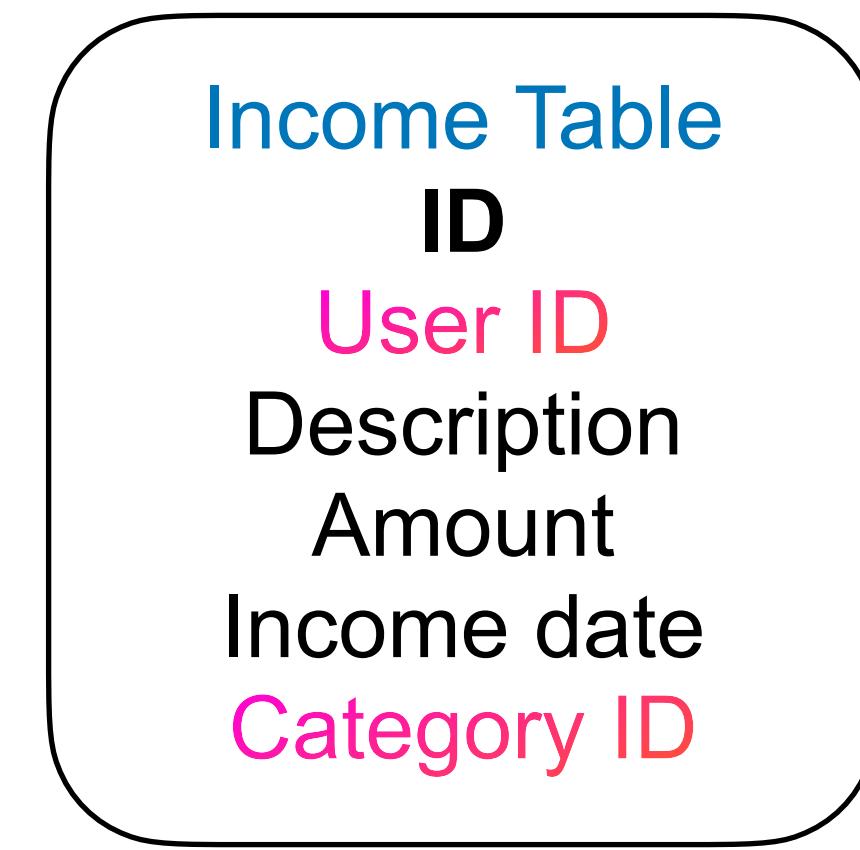
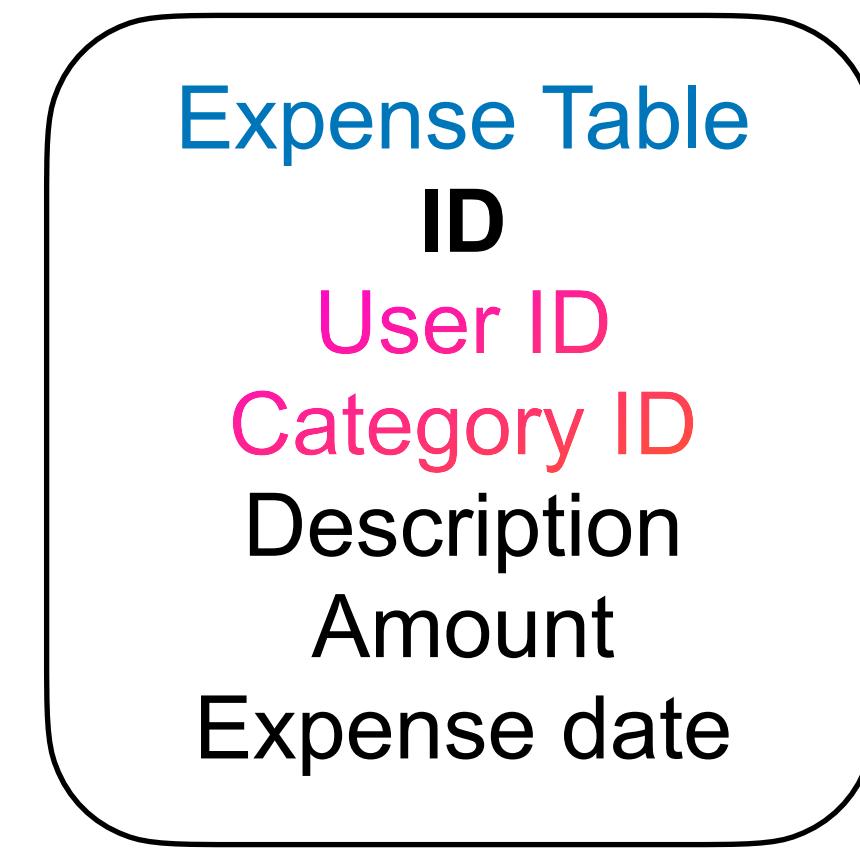
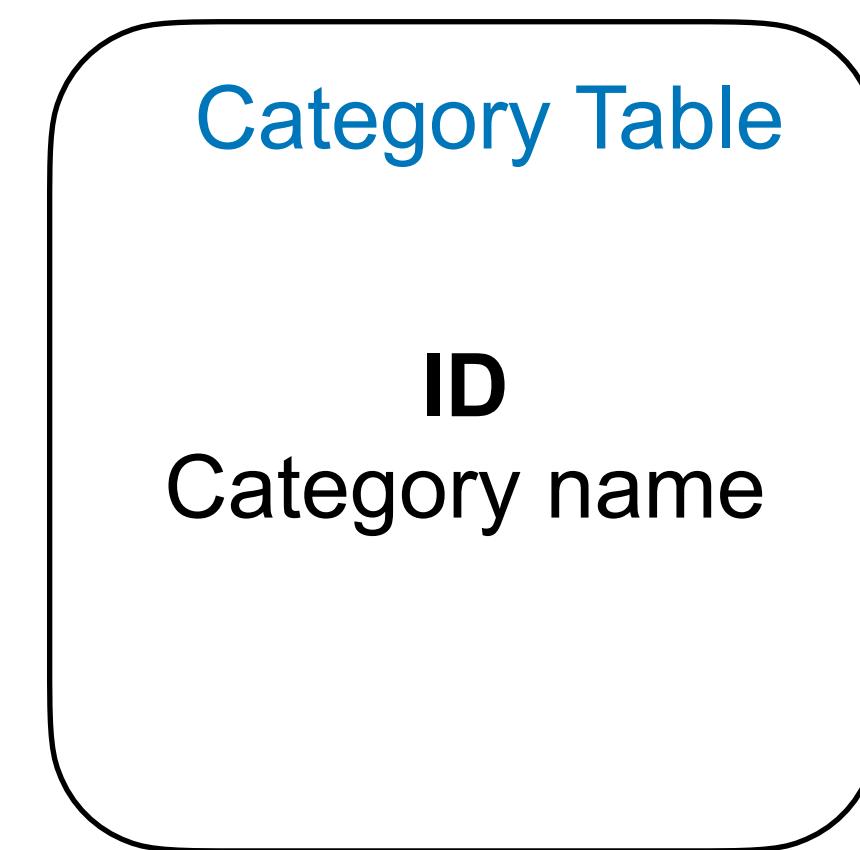
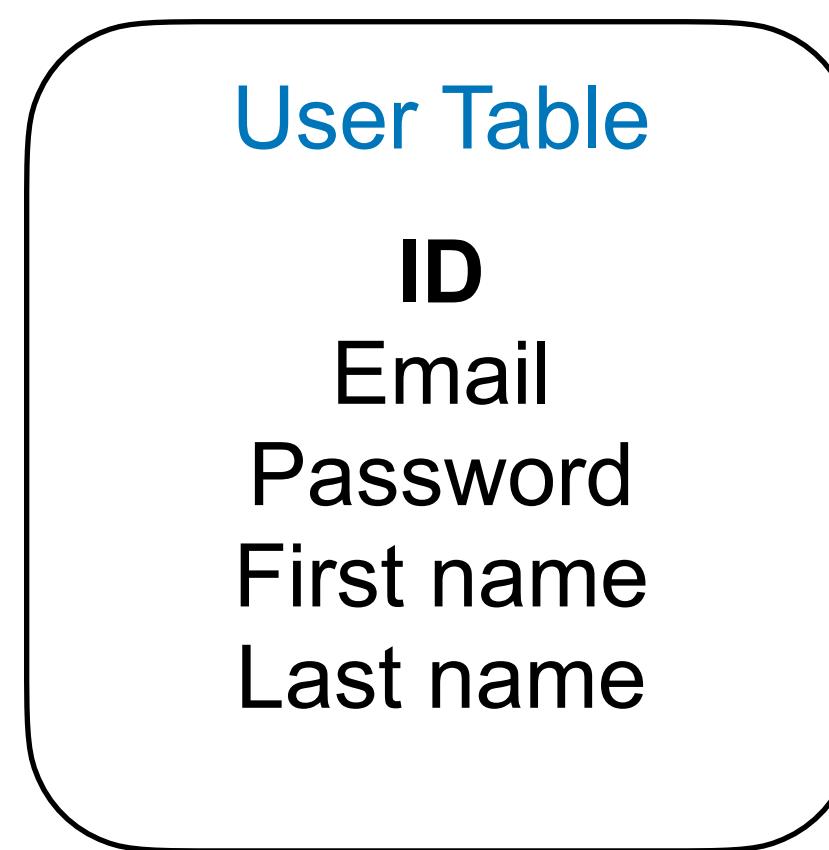


Setting Budget Page (Pop up window)

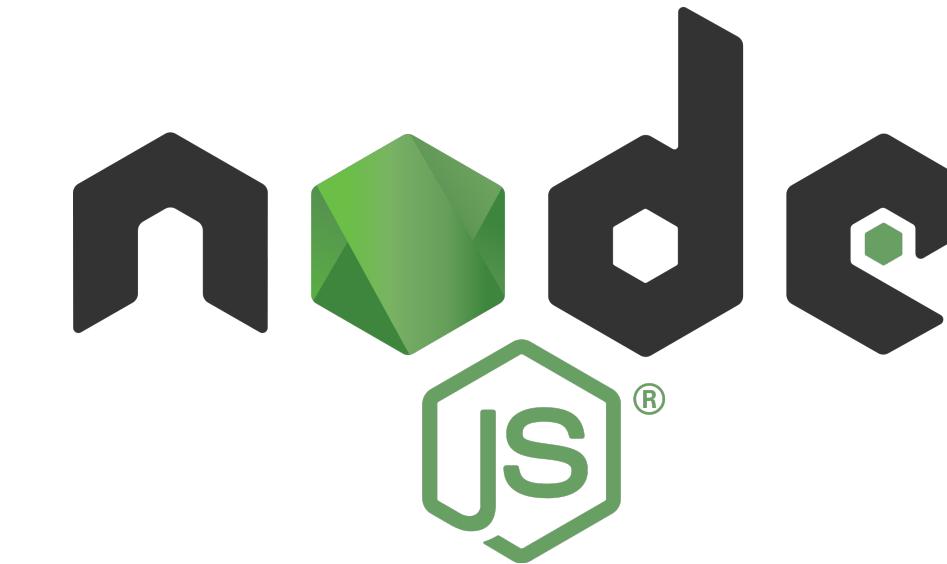
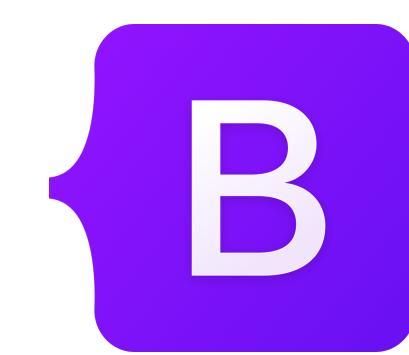
Table relationships



Database Design



Technologies I used



Problems I faced

Finding an effective way to fix bug

Time Management

Motivation

Self-Confidence

How would I market & sell Runzinizer

Ads keep Runzinizer free

Free Version ❤️

- All Essential Features
- With Ads

Premium Version (\$12.99/lifetime) 💎

- All Essential Features
- Add multiple accounts
- Set Budgets
- Link to personal bank
- No Ads

Demo Time

Thank you!