BudgetBuddy Financial Tool

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PROBLEM

- Many college students face financial struggles due to high expenses such as: tuition, books, and living costs.

- This, coupled with a lack of financial knowledge, makes it difficult for them to concentrate on their studies.
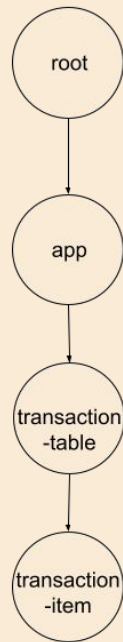
SOLUTION

- BudgetBuddy is a financial literacy tool that allows you to track personal spending and income

- BudgetBuddy gives illustrations, feedback, and recommendations to maintain consistent financial health

TECHNOLOGY: ARCHITECTURE

- Transaction table component
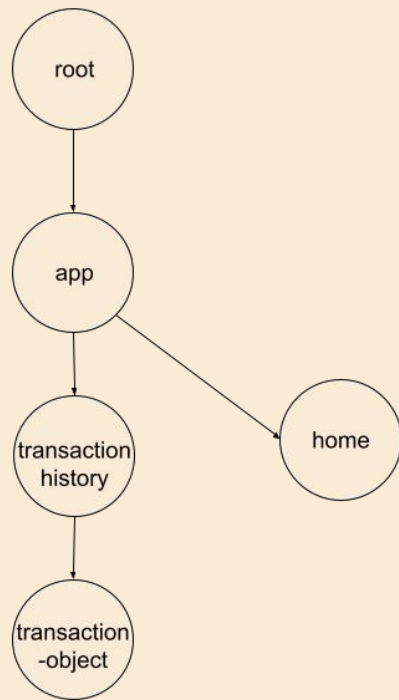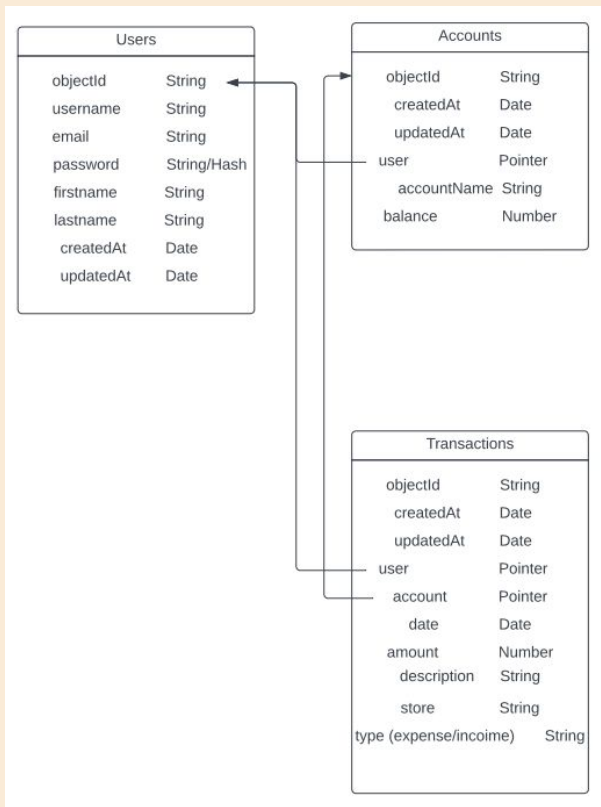- JSON transaction data

TECHNOLOGY : FEATURE 3

Finance Manager

	Search by Description			Search

ID	Date	Description	Price	Store
1	02/19/2023	Gucci flip flops	$402.42	Gucci
2	03/03/2023	Canes Box Combo	$12.39	Canes Chicken
3	05/28/2023	Xbox One S	$223.43	GameStop
4	06/28/2023	T-Shirt	$31.94	H&M
5	07/13/2023	Optimum Nutrition Pre-Workout	$31.89	Amazon
6	08/21/2023	Notre Dame Football Jersey	$113.52	Notre Dame Stadium
7	09/02/2023	JBL Flip 5 Speaker	$92.84	Best Buy

Total Spent: $908.43

TECHNOLOGY : ARCHITECTURE

- Parse Models
- Routing

TECHNOLOGY: FEATURE 4

Financial Manager

Efficiently Manage Your Finances

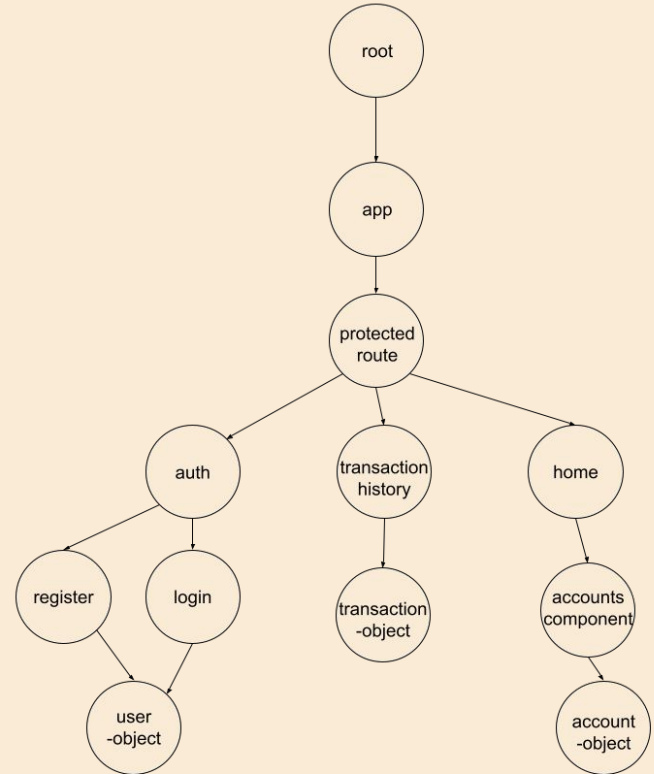### Financial Summary

Total expenses this year: $30,000.00

Total expenses this month: $3,000.00

Total expenses this week: $300.00

Finance Manager

Transaction History

| Search by Description | | | | Search |

ID	Date	Description	Price	Store
1	Sun Oct 08 2023	JBL Flip 5 Speaker	$92.84	Best Buy
2	Tue Jan 03 2023	Notre Dame Football Jersey	$113.52	Notre Dame Stadium
3	Mon Feb 20 2023	Optimum Nutrition Preworkout	$31.89	Amazon
4	Tue Mar 14 2023	T-Shirt	$31.96	H&M
5	Tue Apr 25 2023	Xbox One S	$223.43	Gamestop
6	Mon May 15 2023	Canes Box Combo	$12.39	Canes Chicken
7	Mon Jun 19 2023	Gucci Flip Flops	$402.43	Gucci

TECHNOLOGY: ARCHITECTURE

- Same UML / data relationships
- Auth and Accounts components

TECHNOLOGY : FEATURE 5

Register   **Login**
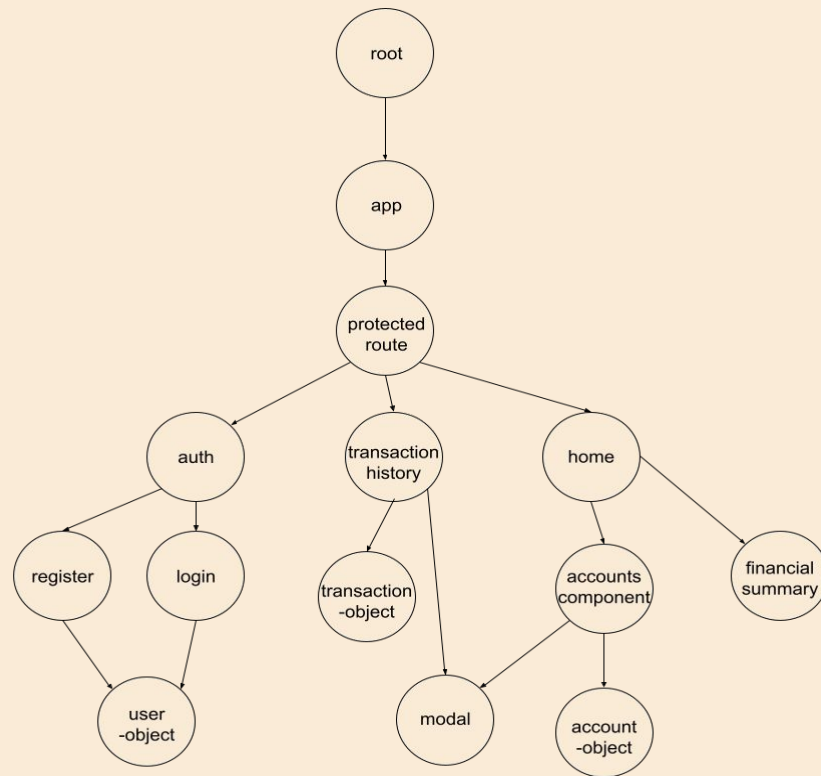
Register

Login

Accounts:

Savings Account
Balance: $-1158.97

Checking Account
Balance: $-406.14

New Account
Balance: $0

TECHNOLOGY: ARCHITECTURE

- Not much structural change
- Developer stories addressed improved user experience and functionality in current architecture
- Same parse object data structure

TECHNOLOGY: FEATURE 6

BudgetBuddy (budgetbuddynd.netlify.app)

BudgetBuddy

Welcome to BudgetBuddy, your personal finance tool!

Your email *

Your password *

Sign in

Don't have an account?

New Account

X

accountName:

Create Account

BudgetBuddy   Home   Transaction History   Logout

Finance Manager

Thomas Deiser Transaction History

	Date ▼	Description	Amount	Store	X
1	Tue Dec 05 2023	Groceries	$42.12	Meyer's	🗑
2	Fri Dec 01 2023	Paycheck	$1,000,000.00	ND CSE Department	🗑

Add New Transaction

Total Balance: $999957.88

BudgetBuddy   Home   Transaction History   Logout

Welcome to BudgetBuddy financial manager, Thomas Deiser.

Your Financial Summary

Total expenses this year $12,168.63   Total income this year: $18,821.98
Total expenses this month: $1,742.63   Total income this month: $5,700.00
Total expenses this week: $150.00   Total income this week: $5,700.00

Yearly Financial Report   Monthly Financial Report   Weekly Financial Report

Ben, your financial health is **Good**

We recommend you: Stay the course! Perhaps indulge in a slightly nicer treat for maintaining stability.

TECHNOLOGY: FEATURE 6

BudgetBuddy (budgetbuddynd.netlify.app)

PLAN: NEXT STEPS

Future User Stories:
- Users should be able to visit a financial planning / investment strategy page for suggestions on how to save their money and get out of debt.
- Users should be able to make income/expense transactions recurring based on a specified time period.
- Users should be prompted with an 'Are you sure?' modal when deleting transactions or accounts.

Future Developer Stories:
- Developers will organize all extraneous .css files and styling into component specific .css files.
- Developers should be able to implement an email system to auto send user account reports.
- Developers will utilize complex data analysis and trend information to give an ai written suggestion to users based on their financial info.
- Developers should make the transaction history page more digestible with charts and fewer words/numbers on the screen.