Budget Trace

Developed by : Coding Conduct

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Project Overview:

We want to create a web app that allows you to track your budget. Some things we want to implement are accounts for each user so that multiple users can use website, ability to enter bank account balance so you always know how much money you have in your account, ability to enter how much and what you have been spending money on, and graphs that show your spending habits and where you spend the most money.

Sprint 1

As a user, I want to be able to access the product from my own machine via a browser

As a user, I want to be able to create an account that is password protected

As a user, I want I want to view an aesthetically pleasing website

As a user, I want to store income data on the website

As a user, I want a basic data structure on the server that will be able to hold input data, even though I won't be able to necessarily access it directly

Sprint 2

As a user, I want to be able to input my spending data into a table

As a user, I want to be able to split my input data into groups

As a user, I want to be able to plan out a budget

As a user, I want to be able to see the total amount of money I have spent this period, and the amount that I have left

Sprint 3

As a user, I want the ability to save and see data from multiple periods

As a user, I want a "Forgot Password" feature

As a user, I want to be able to change my password

As a user, I want a visual representation of my spending in the form of a pie chart

As a user, I want a visual representation of my spending in form of a timeline

As a user, I want feedback on my spending habits and alerts when I am spending too much

Architecture

A login/password page will direct you to the main page, which has navigation features for the rest of the website

Store user budget and expenses, and use that to calculate total amount left.

Alert users for going under total balance and/or having many expenses in a small time period.

Gives users a sense of control of their money by visually seeing where their money is coming and what they spend it on in a daily/weekly/monthly and yearly time frame.

Challenges/Risks

Find a place to host website

Unfamiliar languages

Linking pages together

Client does not have direct access to passwords

Data Analysis

Technologies

Server (localhost)

CSS, JavaScript, SQL, PHP

Web framework

Development environment