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WATS 3020
Final Project: Planning Phase

Final Project Proposal

My proposal for the final project is to build a budget tracker with HTML, CSS, and JS. With this budget tracker, users will be able to input their income and expenses and the page will provide a positive or negative number. The reason I want to build this tracker is because I have mostly done my budgets through Excel or via mental math. By spending time writing JS, the most I will have to do in the future is enter a few numbers and get instant feedback.

The design documents that I will be using are:

1) Development Task
2) Project Overview
3) Task schedule
4) Wireframe

There are a few resources that I can draw inspiration from in order to help achieve and complete my project. They are:

https://codepen.io/seklerek/pen/zKDce

https://codepen.io/DomoBritton/pen/QdKjqj

https://codepen.io/bansal/pen/GyqBPd

https://codequs.com/p/HkcSFfseV/javascript-project-tutorial-budget-app

One of the main issues I will run into is how small or large the scope of this project can encompass. For now, I will keep it simple and limit the features that I want to add until I get a working prototype and then go from there. CSS will also play a part and I will have to dedicate some time to it in order to make my budget tracker look appealing to use.

Development Tasks

- **Standards-compliant JS**: My code should be easy to read and comments clear and concise.

- **Conditional statements: 1)** In order to get clean user data, I will add an "if else" statement that tests to see that a user entered a valid number. **2)** Another "if else" statement will test to see if the result of subtracting the expenses from the income is at or above a certain threshold, if the condition is true, a message will appear that reads "You are doing great! Keep at it," if false, it will read "You're on track to saving but you should look a little closer at your spending habits." Alternatively, I could test to see if a certain expense is at too high of a percentage of the total income.

- **Event listeners: 1)** Users will be able to add different income and expense line items. On click event listener will be added to make sure each line item gets categorized with other similar items. **2)** When a user clicks the "submit" button. An on click event listener will be added that will trigger a "**function**" and display the result.

- **String modifiers: 1)** If certain conditions are met when user click submit, 2 strings may display that will be needed to be added to each other through the "+" operator. **2)** When a user enters a new source of income or expense, their entry will be added as a new element and the "innerHTML" will be transposed from their input.

Project Overview

Name of site: Two Bit Budget Tracker***Working Title

Description of design concept/approach:

- Green and white design- like Cash App
- Very simple, no need for "loud" design
- Design will reflect the build out process, JS doing the heavy lifting, everything else simple

Hope to accomplish with design concept/approach:

- Easy to use, intuitive budget tracker

Other websites for inspiration:

- https://www.mint.com/
- https://www.creditkarma.com/
- https://www.youneedabudget.com/

Target audience/Motivations:

- Anybody that is interested in their finances

Task Schedule

Week 8

- Complete design documents
- Begin HTML, JS, and CSS (in that order)

Week 9

- Get feedback from instructor/peers
- Implement any feedback into JS
- Debug any issues
- Have a working prototype ready
- Start on design, add logo or images, add fonts, and create styles

Week 10

- Get feedback from instructor/peers
- Implement any feedback into JS and CSS
- Debug any issues
- Final checks before presenting and submission
- Submit and share with class

Two Bit Budget Tracker

Income

Please enter a label	Please enter amount	+
Employment	4,333.00	—
Other	450.00	—
Total Income	4,783.00	—

Expenses

Please enter a label	Please enter amount	+
Rent	2,200.00	—
Utilities	150.00	—
Food	450.00	—
Entertainment	300.00	—
Other	300.00	—
Total Spending	3,400.00	—

SUBMIT

You have a surplus of $1,833.00.
You're on track to saving but you should look
a little closer at your spending habits.
You are spending more than 30% of your
total income on rent.