

Mini Challenge 2: Expense Tracker Lite

General Instructions

- READ THE INSTRUCTIONS FIRST BEFORE PROCEEDING!
- You may use the Internet and your notes for reference, but you but you may not communicate with any person for help.
- You may **NOT** use Facebook Messenger or any chatting apps.
- For any clarifications, ask your instructor.

Submission Details

- Zip all your files and name it `MiniChallenge2_LastNameFirstName.zip` Please make sure you select **zip** as the extension, and *not* 7z.
- Submit the file to Canvas. If you know the internet will be slow, submit earlier to meet the deadline.

Site to recreate

The site you will be recreating is a simple expense tracker app. You're already provided the HTML and the CSS required to recreate the site as close as possible. Complete the provided `index.html` file following the comments provided.

Log Expense

Date	<input type="text" value="02 / 22 / 2020"/>	Category	<input type="text" value="Food"/>
Description	<input type="text"/>	Amount	<input type="text"/>

SUBMIT

Expenses

Total: 0.00

Filter

The user is required to set a *date*, *category*, *description* and the *amount*. As a default, initialize the date to the current date today (*The code for creating and formatting the date is already provided in the starter code.*)

HINT! For easy object creation, you can declare an Object constructor (https://www.w3schools.com/js/js_object_constructors.asp).

Log Expense

Date
Category

Description
Amount

SUBMIT

Expenses

Total: 150.00

Filter

All

2020-02-22	Starbucks	150.00
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If the description or amount is empty, highlight the field that is empty and display the appropriate error message below. Use the color #B00000 for the border highlight with error and #DDDDDD for when it's valid.

Log Expense

Date
Category

Description
Amount

Please enter a description for the expense.

SUBMIT

Log Expense

Date
Category

Description
Amount

Please enter an amount

SUBMIT

Clicking on **SUBMIT** will create an expense item in the list below. The border on the top represents the category of the expense. The table below shows the category and color code.

Category	Hex Color Code
food	#E69F00
transpo	#56B4E9
bills	#009E73

When a new expense is added, the **total amount** also gets updated.

Log Expense

Date02 / 22 / 2020

CategoryFood

Description

Amount

SUBMIT

Expenses

Total: 1305.00

Filter

All

2020-02-22	Starbucks	150.00
2020-02-22	Globe	799.00
2020-02-18	Grab	356.00

There is no limit as to how many expenses may be added. After an expense is added, reset the form back to the current day, the first category (food) and blank description and amount.

Log Expense

Date02 / 22 / 2020

CategoryFood

Description

Amount

SUBMIT

Expenses

Total: 3305.00

Filter

All

2020-02-22	Starbucks	150.00
2020-02-22	Globe	799.00
2020-02-18	Grab	356.00
2020-02-15	Rent	2000.00

Breakdown of grades

Content

Score

Add an expense

5

Content	Score
Validation of expense entry	5
Reset form upon submit	5
Display expense item correctly a list	10
Display total of items	5
Total	30

Bonus items

You may only get bonus items once you're done with the required specs.

Content	Score
Filter expense by category	3
Update total upon filter	2

A filter dropdown is provided. After the selection has changed, the list should show only the expenses under the selected category. *No need to sort*. The total should also reflect the changes done by the category filter.

HINT! To filter, arrays have a `filter()` method. To recalculate the total value of a filtered array, there's a method called `reduce()`.

Log Expense

Date
Category

Description
Amount

SUBMIT

Expenses

Total: 2799.00

Filter

2020-02-22	Globe	799.00
2020-02-15	Rent	2000.00

When the filter value is equal to "all", display all the items again.

Log Expense

Date Category
Description Amount

SUBMIT

Expenses

Total: 1305.00

Filter

2020-02-22	Starbucks	150.00
2020-02-22	Globe	799.00
2020-02-18	Grab	356.00