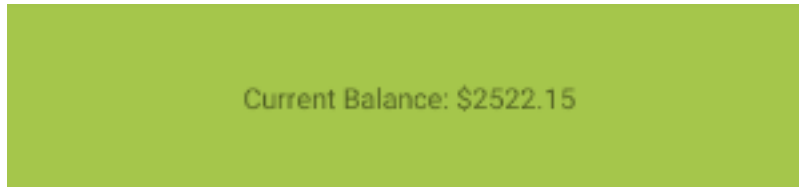


Design Documentation – Spending Manager

This software is used to manage spending in our daily lives.

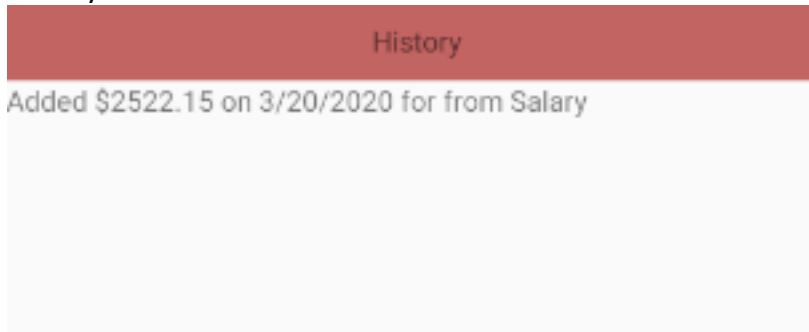
Software consists of two views:

Balance:



Balance shows how much balance you have.

History



History shows log of the persons spending.

It concatenates input with built in string to make a sentence.

Three inputs:



Inputs take in date, price, and Item.

And finally, two buttons:



Buttons add or subtract depending on gaining balance or losing balance.

Example of Use Case:

1.

The screenshot shows the 'SpendingManager' app interface. At the top is a teal header with the title 'SpendingManager'. Below it is a large green box labeled 'Current Balance:'. Underneath is a white input area with three fields: 'Enter Date', 'Enter Price', and 'Enter Item', each with a red underline. To the right of these fields are two buttons: a green '+' button and a red '-' button. Below the input area is a red header labeled 'History'. The history area itself is a large white box that is currently empty.

Prior to person adding the salary. Person starts with 0 with no History.

2.

The screenshot shows the 'SpendingManager' app interface after a transaction has been added. The teal header 'SpendingManager' is at the top. The green box now displays 'Current Balance: \$2522.15'. The white input area contains the values '3/20/2020', '25', and 'Sushi Dinner' (with 'Dinner' underlined), each with a red underline. The green '+' and red '-' buttons are still present. The red 'History' header is followed by a white box containing the text 'Added \$2522.15 on 3/20/2020 for from Salary'.

After person has input their salary in and clicks +. It adds it to his balance and puts in the history.

3.

3/20/2020	25	Sushi Dinner	+	-
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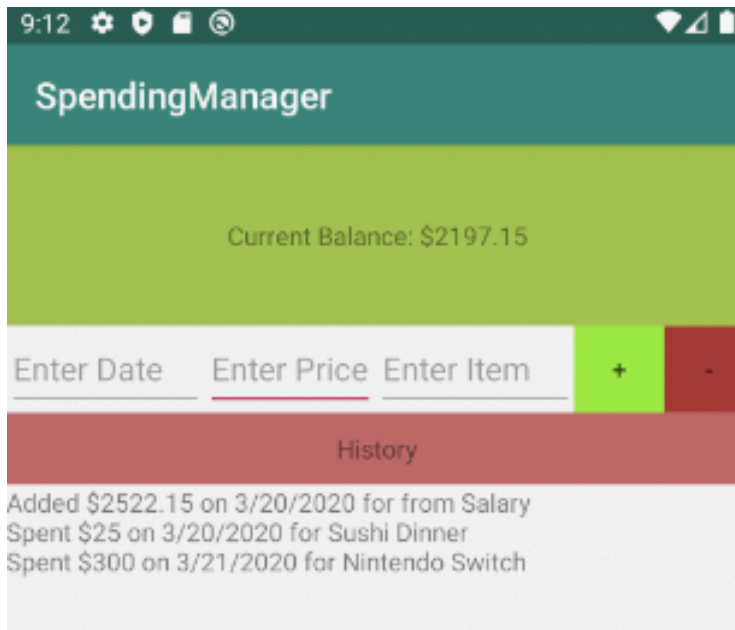
In the case of subtracting from balance, the person enters a sushi dinner for \$25 on 3/20/2020

4.

The screenshot shows the 'SpendingManager' app interface. At the top, the title 'SpendingManager' is displayed. Below it, the 'Current Balance: \$2497.15' is shown. The input section contains three fields: 'Enter Date' (with '3/20/2020' entered), 'Enter Price' (with '25' entered), and 'Enter Item' (with 'Sushi Dinner' entered). To the right of these fields are two buttons: a green '+' button and a red '-' button. Below the input section is a 'History' section with a red header. The history log contains two entries: 'Added \$2522.15 on 3/20/2020 for from Salary' and 'Spent \$25 on 3/20/2020 for Sushi Dinner'.

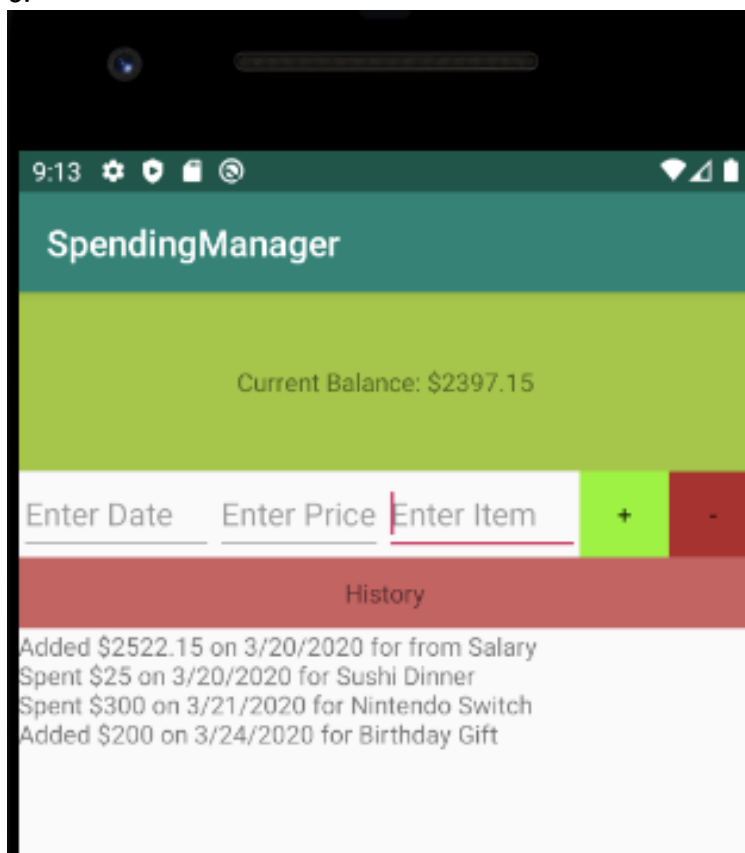
Which subtracts from the balance and shows the log in the history section.

5.



Spent another \$300 on purchase, notice balance is 2197.15 now.

6.



Case where received \$200 from birthday gift, it has been added and shown on the log again.

Attach Database Close Database

Database Structure Browse Data Edit Pragma's Execute SQL

Table: SpendingTable

New Record Delete Record

	Count	Item	Date	Price
	Filter	Filter	Filter	Filter
1	1	from Salary	3/20/2020	2522.15
2	2	Sushi Dinner	3/20/2020	-25.0
3	3	Nintendo Switch	3/21/2020	-300.0
4	4	Birthday Gift	3/24/2020	200.0

Full User Interface:

