

User story:

As user, I want to click “Filter/Search function” button, then get the transaction between some dates, and/or having amount between some values.

Task 1. I need to add a Filter/Search function to the app. This function allows the app to display only the transaction between some dates, and/or having amount between some values

Step1: running in main screen.

The screenshot shows a mobile application interface. At the top, it displays "Current Balance: \$2590.0". Below this is a filter/search section with several input fields: "MM", "DD", and "YYYY" for dates; "Amount" and "Category" with "+" and "-" buttons; "YYYYMMDD" and "YYYYMMDD" with a "to" label; and "Price" and "Price" with a "to" label. A "SEARCH" button is positioned below these fields. At the bottom, there is a "Transactions History" table with three columns: "DAY(M/D/Y)", "Amount", and "Category".

DAY(M/D/Y)	Amount	Category
01/10/2019	100	save
09/01/2019	200	save
01/10/2020	-50	shopping
01/10/2020	40	save
02/01/2020	400	save
02/03/2020	-100	shopping
03/01/2020	2000	save

test search function for transaction between some dates,

Step2: input the text on first “YYYYMMDD”

Current Balance: \$2590.0

MM DD YYYY

Amount Category + -

20200101 to YYYYMMDD

Price to Price

SEARCH

Transactions History

DAY(M/D/Y)	Amount	Category
01/10/2019	100	save
09/01/2019	200	save
01/10/2020	-50	shopping
01/10/2020	40	save
02/01/2020	400	save
02/03/2020	-100	shopping
03/01/2020	2000	save

Step3: click button “SEARCH”,

Current Balance: \$2290.0

MM DD YYYY

Amount Category + -

YYYYMMDD to YYYYMMDD

Price to Price

SEARCH

Transactions History

DAY(M/D/Y)	Amount	Category
01/10/2020	-50	shopping
01/10/2020	40	save
02/01/2020	400	save
02/03/2020	-100	shopping
03/01/2020	2000	save

Step4: input the text on the both“YYYYMMDD”

Current Balance: \$2290.0

MM DD YYYY

Amount Category + -

20200101 to 20200203

Price to Price

SEARCH

Transactions History

DAY(M/D/Y)	Amount	Category
01/10/2020	-50	shopping
01/10/2020	40	save
02/01/2020	400	save
02/03/2020	-100	shopping
03/01/2020	2000	save

Step5: click button “search”

Current Balance: \$290.0

MM DD YYYY

Amount Category + -

YYYYMMDD to YYYYMMDD

Price to Price

SEARCH

Transactions History

DAY(M/D/Y)	Amount	Category
01/10/2020	-50	shopping
01/10/2020	40	save
02/01/2020	400	save
02/03/2020	-100	shopping

test search function for transaction between some price,

Step6: input the text on first “Price”

Current Balance: \$2590.0

MM DD YYYY

Amount Category + -

YYYYMMDD to YYYYMMDD

100 to Price

SEARCH

Transactions History

DAY(M/D/Y)	Amount	Category
01/10/2019	100	save
09/01/2019	200	save
01/10/2020	-50	shopping
01/10/2020	40	save
02/01/2020	400	save
02/03/2020	-100	shopping
03/01/2020	2000	save

Step7: click button “search”

Current Balance: \$2700.0

MM DD YYYY

Amount Category + -

YYYYMMDD to YYYYMMDD

Price to Price

SEARCH

Transactions History

DAY(M/D/Y)	Amount	Category
01/10/2019	100	save
09/01/2019	200	save
02/01/2020	400	save
03/01/2020	2000	save

Step8: input the text on both “Price”

Current Balance: \$2590.0

MM DD YYYY

Amount Category

YYYYMMDD to YYYYMMDD

-100 to 100

Transactions History

DAY(M/D/Y)	Amount	Category
01/10/2019	100	save
09/01/2019	200	save
01/10/2020	-50	shopping
01/10/2020	40	save
02/01/2020	400	save
02/03/2020	-100	shopping
03/01/2020	2000	save

Step9: click button “search”

Current Balance: \$-10.0

MM DD YYYY

Amount Category

YYYYMMDD to YYYYMMDD

Price to Price

Transactions History

DAY(M/D/Y)	Amount	Category
01/10/2019	100	save
01/10/2020	-50	shopping
01/10/2020	40	save
02/03/2020	-100	shopping

DB:

New DatabaseOpen DatabaseWrite ChangesRevert Changes

Database StructureBrowse DataEdit PragmasExecute SQL

Table: asdNew RecordDelete Record

	id	Time	Usd	Item
	Filter	Filter	Filter	Filter
1	1	20190110	100.0	save
2	2	20190901	200.0	save
3	3	20200110	-50.0	shopping
4	4	20200110	40.0	save
5	5	20200201	400.0	save
6	6	20200203	-100.0	shopping
7	7	20200301	2000.0	save

	id	Time	Usd	Item
	Filter	Filter	Filter	Filter
1	1	20190110	100.0	save
2	2	20190901	200.0	save
3	3	20200110	-50.0	shopping
4	4	20200110	40.0	save
5	5	20200201	400.0	save
6	6	20200203	-100.0	shopping
7	7	20200301	2000.0	save