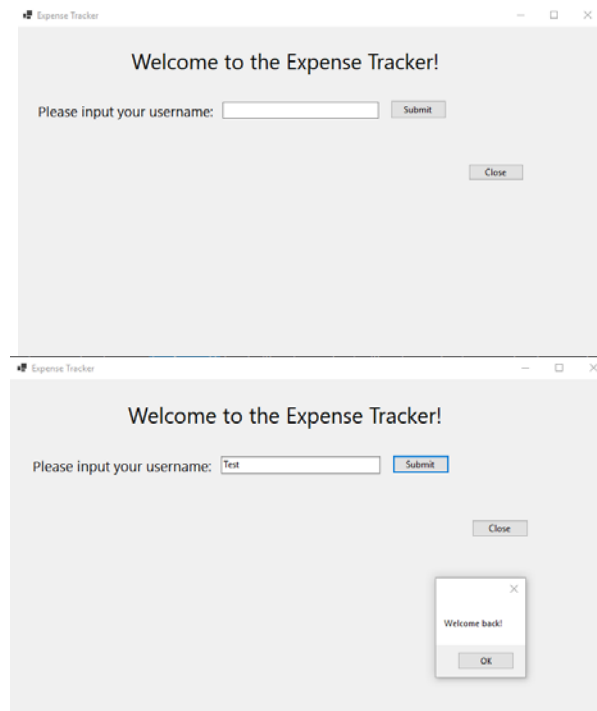
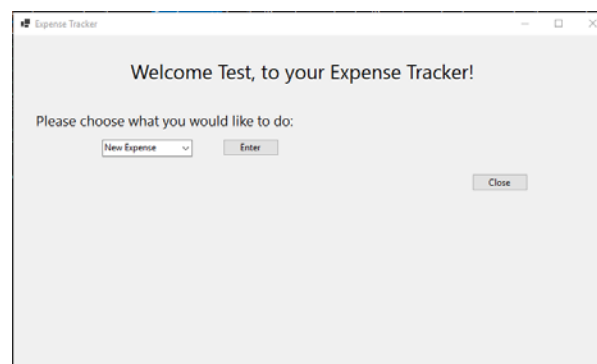


## **USER'S DOCUMENTATION: Expense Tracker**

1. A welcome message is shown and user is prompted to input their username



2. After inputting the username, the user is prompted to choose from the ComboBox between inputting a new expense, look up the monthly report, or edit recurring charge.



3. User can press "Close" button to close the page anytime.

### **CHOICE 1: Selected New Expense then press the Enter button**

4. User is prompted to input information regarding the expense to be inputted

Store

Please input the following information to log your new expense:

Store

Expense Category

Amount (\$)

Date of the Expense

Recurring Charge ☐ Yes ☒ No

Shared Expense ☐ Yes ☒ No

- Input or select the store's name
- Input or select the expense category (Expense category could be anything from groceries to supplies.)
- Input the amount
- Select the Date of the expense
- Select YES or NO if the charge is a recurring charge, meaning if the user wants the app to create the same charges for future dates (Default is No)

Store

Please input the following information to log your new expense:

Store

Expense Category

Amount (\$)

Date of the Expense

Recurring Charge ☒ Yes ☐ No

How many months (>0) for this recurring charge?

Shared Expense ☒ Yes ☐ No

Number of people the expense is shared with

Name of person(s) expense is shared with (separate with " , " no spaces)

If the user selects YES to the recurring charge, the user will be prompted how long the recurring charge will occur.

- f. Select YES or NO for whether the expense is shared with other people (Default is No). If user select YES, the user will be prompted to input how many people the charge (including the user) and the name(s) of the person or people the charge is shared with.
- g. Click Submit button to finish inserting a new expense. If the expense is stored, a pop up window will show “Data Stored.” Pressing Ok will close the window and allows the user to do additional transaction.

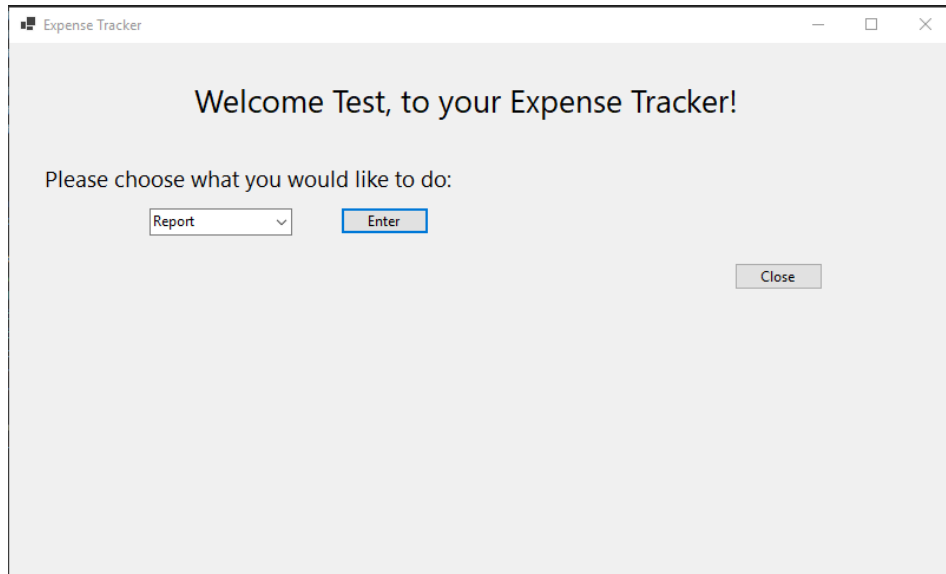
The screenshot shows a window titled "Store" with a light gray background. At the top, it says "Please input the following information to log your new expense:". Below this, there are several input fields and checkboxes:

- Store:** A dropdown menu with "test store" selected.
- Expense Category:** A dropdown menu with "test cat" selected.
- Amount (\$):** A text input field with "20" entered.
- Date of the Expense:** A date picker showing "2020-10-26".
- Shared Expense:** Radio buttons for "Yes" (selected) and "No".
- Number of people the expense is shared with:** A text input field with "2" entered.
- Name of person(s) expense is shared with (separate with " , " no spaces):** A text input field with "Test candiate" entered.
- Recurring Charge:** Radio buttons for "Yes" (selected) and "No".
- How many months (>0) for this recurring charge?:** A text input field with "2" entered.

A small pop-up window titled "Data Stored" is visible on the right side of the main window, with an "OK" button.

## CHOICE 2: Report

- 5. User can select Report to view expense report for a particular date range



Expense Tracker

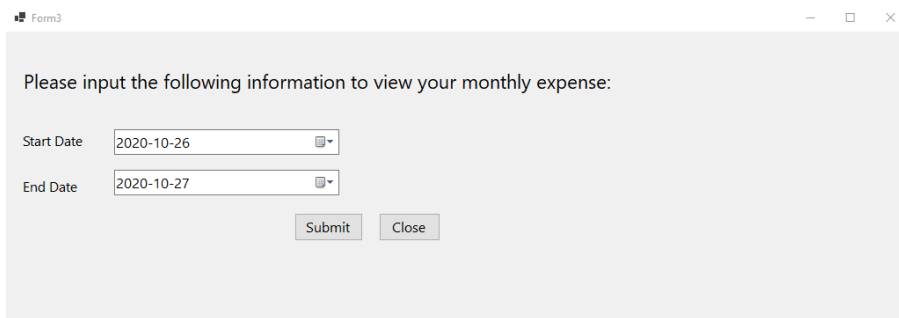
Welcome Test, to your Expense Tracker!

Please choose what you would like to do:

Report Enter Close

The image shows a window titled "Expense Tracker". Inside, there is a welcome message "Welcome Test, to your Expense Tracker!". Below this, a prompt says "Please choose what you would like to do:". There are three interactive elements: a dropdown menu with "Report" selected, a blue "Enter" button, and a "Close" button on the right.

- The user will then be asked to indicate a range (start and end) of date the user wants to see in the report. Then, press Submit to see the expense report. The user can select Close to return to the previous page to select another choice.



Form3

Please input the following information to view your monthly expense:

Start Date 2020-10-26

End Date 2020-10-27

Submit Close

The image shows a window titled "Form3". Inside, there is a prompt "Please input the following information to view your monthly expense:". Below this, there are two date input fields. The "Start Date" field contains "2020-10-26" and the "End Date" field contains "2020-10-27". At the bottom, there are "Submit" and "Close" buttons.

- Monthly report shows as follows:

Summing By Categories:

You're viewing montly expense from: 2020-10-26 to 2020-10-27

	Date	Store	Expense Category	Amount	Expense Shared	Percent Shared	Recurring Charge	Shared Amount	Name
▶	2020-10-26	test store	test cat	20	<input checked="" type="checkbox"/>	50	<input checked="" type="checkbox"/>	10	Testcandiate
*					<input type="checkbox"/>		<input type="checkbox"/>		

Total Expense: 20

Total Shared Amount: 10

Total others shared with you: 0.00

Summing By Categories:

	Expense Categories	Sum Amount
▶	test cat	20
*		

Summing By Shared Persons:

	Name	Sum Amount
▶	Testcandiate	10
*		

Close

8. Selecting Close: closes the window and returns to the previous page where user can view a report in the different date range

### CHOICE 3: Edit recurring charge

Expense Tracker

Welcome Test, to your Expense Tracker!

Please choose what you would like to do:

Edit Recurring Cha ▾ Enter

Close

9. After the user chooses to Edit Recurring Charge, user will be prompted to input information about the expense
- Select the expense date
  - Select or input the store name of the charge the user wants to change
  - Select or input the expense category of the charge > press enter.
  - Input the amount of the charge
  - Select if the expense is a shared expense

Form5

Please input the information of the recurring charge you would like to change.

Date 2020-10-26 ▾

Store Name test store ▾

Expense Category test cat ▾

Amount (\$) 20

Shared Expense ☒ Yes ☐ No

Change Delete Close

The user can select:

- Change: to change the amount or date of the expense

- Delete: to delete that particular expense
- Close: to close the window and return to the previous selection page

10. If the user selects CHANGE:

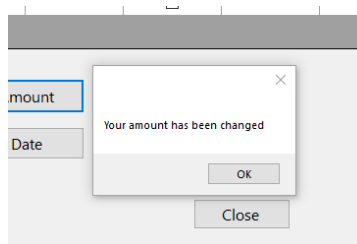
Please input the following information to log your new expense:

	Date	Store	Expense Category	Amount	Expense Shared	Percent Shared	Recurring Charge	Shared Amount	Name
▶	2020-10-26	test store	test cat	20	<input checked="" type="checkbox"/>	50	<input checked="" type="checkbox"/>	10	Testcandidate
*					<input type="checkbox"/>		<input type="checkbox"/>		

Amount (\$)

Date of the Expense

- a. If the user chooses change the amount:
  - i. Input the new amount > click Change Amount
  - ii. A window will pop up showing “Your amount has been changed” if your expense exist or “Cannot find the charge” if your expense does not exist.
  - iii. Click Close to close the window



- b. If the user chooses to change the date: \*Note\* user cannot change the date and amount at the same time. If the user has change the amount, a new query must be submit due the new amount, or else the expense cannot be found.
  - i. Select a new date > Click Change Date

- ii. The program will print “The date has been changed” if your expense exist and changed or “Cannot find the charge you're inquiring. Please check your input,” if your expense does not exist.

The screenshot shows a window titled 'Form5' with a header 'Please input the following information to log your new expense:'. Below the header is a table with the following columns: Date, Store, Expense Category, Amount, Expense Shared, Percent Shared, Recurring Charge, Shared Amount, and Name. The first row of the table is highlighted in blue and contains the values: 2020-10-26, test store, test cat, 15, ☒, 50, ☒, 10, and Testcandidate. Below the table are two input fields: 'Amount (\$)' with a value of 15 and a 'Change Amount' button, and 'Date of the Expense' with a value of October 27, 2020 and a 'Change Date' button. A small dialog box is open in the bottom right corner with the text 'The date has been changed.' and an 'OK' button.

Date	Store	Expense Category	Amount	Expense Shared	Percent Shared	Recurring Charge	Shared Amount	Name
2020-10-26	test store	test cat	15	<input checked="" type="checkbox"/>	50	<input checked="" type="checkbox"/>	10	Testcandidate
				<input type="checkbox"/>		<input type="checkbox"/>		

Amount (\$):  Change Amount

Date of the Expense:  Change Date

The date has been changed.

OK

11. If the user choose DELETE, then select Delete button.

The screenshot shows a window titled 'Form5' with a header 'Please input the information of the recurring charge you would like to change.'. Below the header are several input fields: 'Date' with a value of 2020-10-27, 'Store Name' with a value of test store, 'Expense Category' with a value of test cat, 'Amount (\$)' with a value of 15, and 'Shared Expense' with radio buttons for Yes (selected) and No. Below these fields are three buttons: 'Change', 'Delete' (highlighted with a blue border), and 'Close'. A small dialog box is open in the bottom right corner with the text 'The item has been deleted.' and an 'OK' button.

Date:

Store Name:

Expense Category:

Amount (\$):

Shared Expense: ☒ Yes ☐ No

Change Delete Close

The item has been deleted.

OK