For this project you are going to create a graphical budget / expense tracker, similar to something like Buddi. Your program should allow the user to enter income from multiple sources, be specific or not about tax withholding, and have several expense categories and one optional level of subcategory that the user creates. The user should be able to display the information as a balance sheet (like a checkbook register or table)

Date	Category	Subcategory	Amount	Balance
1/2/2023	Pay		400.00	400.00
1/3/2023	Automobile	gas	-23.43	376.57
1/4/2023	Automobile	loan	-127.48	249.09
1/15/2023	Automobile	insurance	-25.80	223.29
1/15/2023	Rent		-200.00	23.29
1/17/2023	Automobile	gas	-10.00	13.29
1/30/2023	Pay		400.00	413.29
2/4/2023	Automobile	loan	-127.48	285.81
2/8/2023	Automobile	gas	-30.46	255.35
2/15/2023	Rent		-200.00	55.35
2/27/2023	Pay		400.00	455.35
3/4/2023	Automobile	gas	-35.00	420.35
3/4/2023	Automobile	rent	-127.48	292.87

but also should be able to display information only for a single category (for example, if the user had a category automobile expenses with subcategories of payment, gas, insurance, maintenance, etc. then the program should be able to display a table of **Automobile Expenses**:

1/3/2023	gas	23.43
1/4/2023	loan	127.48
1/15/2023	insurance	25.80
1/17/2023	gas	10.00
2/4/2023	loan	127.48
2/8/2023	gas	30.46

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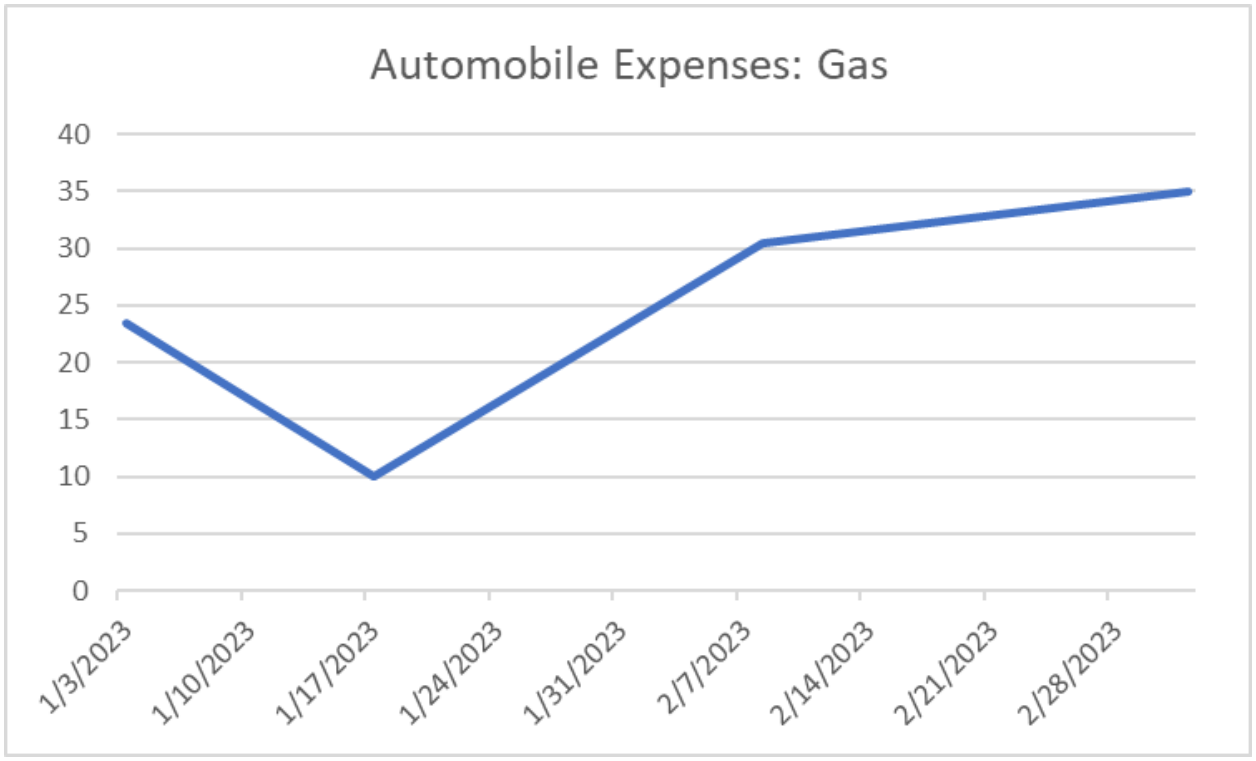
3/4/2023	gas	35.00
3/4/2023	loan	127.48
	TOTAL	507.13

The program should also be able to plot all or a portion of these expenses over time:



Your program will use the Qt graphics library, including its features for database storage.
You will document your code, and build the code using best practices.
Your program will have a login screen and back-end login table so that it can maintain more than one set of users, and more than one set of expenses.
At the end of the semester you will turn in your code, a video of your working project, an installation manual, a user manual, and software documentation.

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