**Course Project – File Storage**

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Microsoft C# Programming

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I have made several modifications to the Sales Receipt application. In addition to adding csv file storage for customers (saves name, phone, address, and email) I separated functionality into different C# files. Any functions involving files are performed by the ‘FileManager.cs’ file. The Customer is now its own class, and I created a file for input validation of customer fields.

The user is now presented a menu of 4 options: Add New, Edit Existing, Enter a Sale, or Exit. New customers are added to the saved csv file ‘sales-records.csv’. When ‘Edit’ is chosen, the user enters a search name and if found, they are prompted to enter a new customer’s information.

File are stored on my public Github repo at:  
<https://github.com/timmasta/rasmussen/tree/main/c_sharp/SaleReceipt>  
I included the generated directories so the csv file created when I ran the program would be included. It is at:

<https://github.com/timmasta/rasmussen/blob/main/c_sharp/SaleReceipt/bin/Debug/net8.0/sales-records.csv>

The 3 screenshots below show 3 new customers added, and the third is then edited:

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

After the third user is edited, the users entered a ‘4’ to exit:

A screenshot of a computer

Description automatically generated

This is what the csv file looks like after the 3 users were entered, and the third was edited:

A screenshot of a computer

Description automatically generated

The option ‘3’ allows the user to enter a sale and see the receipt (this will be changed later so the user can enter less than 5 items, and the sales will be logged with their own ‘.json’ file tied to a customer):

A screenshot of a computer

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