**Assisted Project - Retrieve Student Data from a Text File with the Option of Sorting and Searching.**

**1. Introduction**

In this project we created a text file student\_data.txt which stores data of students such as student id, name and grade and called that data into our program to manipulate the data. The program was developed as a Visual Studio Project using C#. The student data will be stored in a simple text file, and the project's source code will be tracked on GitHub.

**2. Project Setup**

A Visual Studio project called ConsoleApp was created with console type as .NET(C#) and saved.

**3. Data Format**

The text file, "student\_data.txt," will be used to store student data. The data format will be as follows:

StudentID, Name, Grade

1, Dev, 12

2, Rose, 10

3, Surath, 11

**4. Coding the Program**

The Program.cs file in the project was opened and the C# code was written to retrieve and display student data from the text file.

**5. Testing the Program**

The project was built and run within Visual Studio. It was ensured that the "student\_data.txt" file is present in the project directory or full path to the file was provided in the code.

**6. Creating a GitHub Repository**

Create a new GitHub repository with an appropriate name

“RetrieveStud(SortndSearching26Oct)”

Initialize a Git repository in the local project folder using the following command in the terminal or Git Bash:

git init

git add .

git commit -m "Changes are committed"

git push -u origin master