**PHASE-1 PROJECT**

**Create a Text-file Based System For Storing and Updating Teacher Records**

Program Logic

1. The solution is a menu driven program that displays the rainbow school teachers records, Adding the teacher record, deleting, updating and getting the teacher record through teacher ID.
2. Data like ID, Name ,subject and section fields of teachers are added in text file
3. Giving a path name reading the file to variable s1
4. Used File.ReadAllLines method to return the file data.
5. Read the input given in console and used File.AppendALLlines to insert the data .
6. Delete operation happens based on the input given from user – created a new list and from starting reading the file and deleting the particular entry or else it throws an exception.
7. To Update the Data, Create a new list and use ReadAllLines method and store that. Compare it -If that matches the first entry then ask for remaining details and overwrite them then execute else part which uses File.Writealllines. If doesn’t match then we put newly created list and use same method.
8. With the help of ID I executed to get the particular teacher data

**Screenshots**

**DISPLAY ALL THE TEACHER RECORDS**

1. The Teacher data already present in the text file.

Graphical user interface, text, application, Word

Description automatically generated

Text

Description automatically generated

**ADD TEACHER TO THE RECORD**

1. Text

   Description automatically generatedAdding teacher details

Graphical user interface, application, Word

Description automatically generated

**DELETING THE TEACHER DATA BASED ON THE ID**

1.Deleting teacher data using teacher id

Text

Description automatically generated

Graphical user interface, text, application, Word

Description automatically generated

**UPDATE TEACHER RECORD**

Text

Description automatically generated

Graphical user interface, application, Word

Description automatically generated

**GET TEACHER RECORD USING ID**

Text

Description automatically generated