

TECHNICAL TRAINING

PHASE 1: AGILE, GIT, and BASICS OF C# PROGRAMMING

PROJECT – 1

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

SUBMITTED BY:

Kavana H Mahesh

Software Engineer,

Dover India.

DATE: 06-09-2021

ABSTRACT

The proposed system is a console-based application which can be used to manage teacher's data in a school / college. The user can use command line interface to interact with the application's backend. Whole project is written with C# programming language. The backend uses text file-based approach to store, update and retrieve teacher's data.

FEATURES PROVIDED

1. **To Add a Teacher Details**

Once the code is in execution environment, a command line interface will be popped up in front of the user. User can enter numerical value that will correspond to the respective option. Adding a new teacher will be prompted if user presses 1. User will have to enter number of records to be enter ID, Name, Class, Section for each entry

2. **Display all the Teachers Details**

All the records present in the TeachersData text file will be displayed. If no data present, the command prompt will show the menu again.

3. Display the Teachers Details by ID

ID of the Teacher will be taken as the input. It is then matched with the present in our txt record and then the appropriate details are displayed.

4. To Update / Edit Teacher Details

For editing / updating a record, the user will have to enter teacher's ID. If the ID is present in the record, then the user will get an option to edit / update name, section, class fields in the record otherwise not.

5. To Delate a Teacher Details

The user will have to select / enter 5 for deleting a record. The user will have To provide teacher's ID. If the ID matches record, then that record will be deleted else it won't get deleted from the record.

6. Exit Option

Finally, to exit the Execution we can use this option

Github repository Link: https://github.com/KavanaHMahesh23/Dover_Phase1_Project.git