SimpliLearn Phase 1 Project: Company Lockers Pvt. Ltd.
LockedMe Console Application

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Date of submission : 05-09-2022
GitHub Project Repository URL : https://github.com/kavink-r/SimpliLearn-Phase1-Project.git

Sprints Planned:

Sprint 1: Welcome Screen and Display of all files functionality.
Sprint 2: Create a new file functionality.
Sprint 3: Delete a file functionality.
Sprint 4: Search for a file and exit functionality.

LockedMe.java

```
package lockedMe.com;

import java.io.File;
import java.io.FileWriter;
import java.io.IOException;
import java.util.LinkedList;
import java.util.Scanner;

public class LockedMe {
	public static final String FILES_PATH = "D:\\Kavin\\SimpliLearn-Phase1-Project\\Files";
public static void welcomeScreen()
{
	System.out.println("\n**************************************************");
	System.out.println("\tWelcome to LockedMe.com secure App");
	System.out.println("\tDeveloped by: KAVIN K R");
	System.out.println("**************************************************");
	System.out.println("\n\nENTER YOUR CHOICE:");
	System.out.println("\n1. Display all files");
	System.out.println("2. Create a new file");
	System.out.println("3. Delete a file");
	System.out.println("4. Search a file");
	System.out.println("5. Exit");
}
public static void getAllFiles()
{
	File folder = new File(FILES_PATH);
	File[] listOfFiles = folder.listFiles();
	if(listOfFiles.length>0) {
		System.out.println("The file list is displayed below:");
		for(var a:listOfFiles) {
		System.out.println(a.getName());
	}
	}
	else {
		System.out.println("\n----------The Folder is empty!!----------");
	}
}
public static void createNewFiles(){
	try {
		Scanner sc = new Scanner (System.in);
		String filename;
```

```
                System.out.println("Enter the file name to be created:");
                filename = sc.nextLine();
                int linescount;
                System.out.println("Enter the number of line to be written:");
                linescount =Integer.parseInt(sc.nextLine());

                FileWriter fw = new FileWriter(FILES_PATH+"\\"+filename);
                for(int i=0;i<linescount;i++) {
                        System.out.println("Enter the content to be written in the file");
                        fw.write(sc.nextLine()+ "\n");
                }
                System.out.println("Content written successfully!!");
                fw.close();
        } catch (IOException e) {

                e.printStackTrace();
        }

}
public static void deleteFile() {
        try
        {
        Scanner sc = new Scanner(System.in);
        System.out.println("Enter the filename to be deleted:");
        String filename = sc.nextLine();
        File f = new File(FILES_PATH+"\\"+filename);
        if(f.exists()) {
                f.delete();
                System.out.println("File deleted Successfully!!");
        }
        else {
                System.out.println("File does not exists!!");
        }
        }
        catch(Exception e) {

        }
}
public static void searchFile() {
        try
        {
                LinkedList<String> filenames = new LinkedList<String>();
                Scanner obj= new Scanner(System.in);
                String filename;
                System.out.println("Enter the file to be searched for:");
                filename=obj.nextLine();
                File[] listOfFiles = new File(FILES_PATH).listFiles();
                for(File f:listOfFiles) {
                        filenames.add(f.getName());
                }
                if(filenames.contains(filename)) {
                        System.out.println("The file is available!!!");
                }
                else {
                        System.out.println("The file is not available!!!");
```

```
                }

        }
        catch(Exception e)
        {

        }
}
}
```

ClientApp.java

```
package lockedMe.com;

import java.util.Scanner;

public class ClientApp {

        public static void main(String[] args) {
                int choice;
                Scanner sc = new Scanner(System.in);
                do {
                LockedMe.welcomeScreen();
                choice = Integer.parseInt(sc.nextLine());
                switch(choice)
                {
                case 1:
                        LockedMe.getAllFiles();
                        break;
                case 2:
                        LockedMe.createNewFiles();
                        break;
                case 3:
                        LockedMe.deleteFile();
                        break;
                case 4:
                        LockedMe.searchFile();
                        break;
                case 5:
                        System.exit(0);
                        break;
                default:
                        break;
                }


                }while(choice>0);
                sc.close();
        }


}
```