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Project Title	LockedMe.com
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Source Code

```java
package mypackage;

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

public class LockedMe
{
        static final String projectFilesPath = "D:\\Vishnu\\FSD-Simplilearn\\LockedMeFiles";
        static final String errorMessage = "Error occured contact admin@Lockedme.com";

        public static void main(String[] args)
        {

                Scanner obj = new Scanner(System.in);
                int ch;

                do
                {
                        displayMenu();
                        System.out.println("Enter your choice:");
                        ch=Integer.parseInt(obj.nextLine());

                        switch(ch)
                        {
                        case 1:getAllFiles();
                        break;
                        case 2:createFiles();
                        break;
                        case 3:deleteFiles();
                        break;
                        case 4:searchFiles();
                        break;
                        case 5:System.exit(0);
                        break;
                        default:System.out.println("Invalid Option");
                        break;

                        }
                }
                while(ch>0);

                obj.close();


                }

        public static void displayMenu()
        {
                System.out.println(".....................................................");
                System.out.println("\t\tWelcome to Lockedme.com");
                System.out.println(".....................................................");
                System.out.println("\t\tDone by Vishnu Priya");
                System.out.println(".....................................................");
                System.out.println("\t\t1. Display all the files");
                System.out.println("\t\t2. Add a new a new file");
                System.out.println("\t\t3. Delete a file");
```

```java
                System.out.println("\t\t4. Search a file");
                System.out.println("\t\t5. Exit");

        }

        /**
         * This function will return all files from the directory
         */
        public static void getAllFiles()
        {
                try
                {
                File folder = new File(projectFilesPath);
                File[] listOfFiles = folder.listFiles();

                if(listOfFiles.length==0)
                        System.out.println("No files exist in the directory");
                else
                {
                        for(var l:listOfFiles)
                        {
                                System.out.println(l.getName());
                        }
                }
                }
                catch(Exception Ex)
                {
                        System.out.println(errorMessage );
                }
        }

        /**
         * This function creates files in the directory
         */
        public static void createFiles()
        {
                try
                {
                        Scanner obj = new Scanner(System.in);


                        String fileName;

                        System.out.println("Enter file name:");
                        fileName = obj.nextLine();

                        int linesCount;
                        System.out.println("Enter how many lines in the file:");
                        linesCount=Integer.parseInt(obj.nextLine());

                        FileWriter myWriter = new FileWriter(projectFilesPath+ "\\"+
fileName);

                        for(int i=1; i<=linesCount;i++)
                        {
                                System.out.println("Enter the file line:");
                                myWriter.write(obj.nextLine()+"\n");
                        }

                        System.out.println("File created successfully");
                        myWriter.close();
```

```java
        }
            catch(Exception Ex)
            {
                    System.out.println("errorMessage");
            }

    }

    /**
     * This function will delete the file based on user input
     */

    public static void deleteFiles()
    {
            Scanner obj = new Scanner(System.in);
            try
            {
                    String fileName;

                    System.out.println("Enter file to be deleted");

                    fileName = obj.nextLine();

                    File file = new File(projectFilesPath+ "\\"+ fileName);

                    if(file.exists())
                    {
                    file.delete();
                    System.out.println("file deleted successfully");
                    }
                    else
                            System.out.println("File do not exist");
            }
            catch (Exception Ex)
            {
                    System.out.println(errorMessage);
            }


    }


    /**
     * This function will search files from the directory
     */
    public static void searchFiles()
    {
            Scanner obj = new Scanner(System.in);

            try
            {
                    String fileName;

                    System.out.println("Enter the file name to be searched:");

                    fileName = obj.nextLine();

                    File folder = new File(projectFilesPath);
                    File[] listOfFiles = folder.listFiles();
```

```java
                LinkedList<String> filenames = new LinkedList<String>();

                for(var l:listOfFiles)
                        filenames.add(l.getName());

                if(filenames.contains(fileName))
                        System.out.println("File is available");
                else
                        System.out.println("File is not available");
        }
        catch(Exception Ex)
        {
                System.out.println(errorMessage);
        }

    }

}
```

Flow chart