

## Locked Me Application Project

Locked me application designed in java programming language and contain the below following feature.

### Generic features of this application:-

- Option to creata user specified file to the application
- Option to delete a user specified file from the application
- Option to search a user specified file from the application
- Option to show the list of all the files in the folder from the application

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### SOURCE CODE:-

```
package com.company.lockers;

import java.io.File;
import java.io.FileWriter;
import java.util.*;

public class LockedMe
{
    static final String projectFilePath="C:\\Users\\Santosh\\Desktop\\LockedMeFiles";

    public static void main(String[] args) {

        Scanner obj = new Scanner(System.in);

        int ch;
```

```

do{

    LockedMe.displayMenu();

    System.out.println("Enter Your Choice: ");

    ch=Integer.parseInt(obj.nextLine());


    switch(ch)
    {

        case 1: LockedMe.getAllFiles();

        break;

        case 2: LockedMe.createNewFile();

        break;

        case 3: LockedMe.deleteFile();

        break;

        case 4: LockedMe.searchFile();

        break;

        case 5: LockedMe.exit();

        break;

        default: System.out.println("Your input number is incorrect. Choose correct
Number");

        break;

    }

}

while(ch>0);

}

public static void displayMenu()

```

```

{

System.out.println("*****
*****");

System.out.println("\t\t Welcome to Company Lockers - LockedMe,com");

System.out.println("\t\t Developer Name : Santosh Patil");

System.out.println("*****
*****");

System.out.println("\t\t1. Display All Files");

System.out.println("\t\t2. Add a File to existing Directory");

System.out.println("\t\t3. Delete a File");

System.out.println("\t\t4. Search a File");

System.out.println("\t\t5. Exit");

}

public static void getAllFiles()

{

File folder = new File(projectFilePath);

File[] listOfFiles= folder.listFiles();

if(listOfFiles.length>0)

{

System.out.println("Files List is displayed below: ");

for(var l:listOfFiles)

{

System.out.println(l.getName());

}

}

else

{

```

```

        System.out.println("No Files exist in directory");
    }
}

public static void createNewFile()
{
    try
    {
        Scanner obj = new Scanner(System.in);

        String fileName;

        int linesCount;

        System.out.println("Enter file name: ");

        fileName=obj.nextLine();

        System.out.println("Enter how many number of lines you want to add in
file: ");

        linesCount= Integer.parseInt(obj.nextLine());

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

        for(int i=1; i<=linesCount; i++)
        {
            System.out.println("Enter file content line: ");

            fw.write(obj.nextLine()+"\n");
        }

        System.out.println("File created successfully.");

        fw.close();
    }

    catch(Exception ex)
    {

```

```

        System.out.println("Some error occurred.");
    }
}

public static void deleteFile()
{
    Scanner obj = new Scanner(System.in);

    try
    {
        String fileName;

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

        fileName=obj.nextLine();

        File fl=new File(projectFilePath+"\\ "+fileName);

        if(fl.exists())
        {
            fl.delete();

            System.out.println("File deleted successfully.");
        }
        else
        {
            System.out.println("File do not exist.");
        }
    }
    catch(Exception ex)
    {
        System.out.println("some error occurred.");
    }
}

```

```

}

public static void searchFile()

{

Scanner obj = new Scanner(System.in);

try

{

String fileName;

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

fileName=obj.nextLine();

File fl=new File(projectFilePath+"\\ "+fileName);


if(fl.exists())

{

System.out.println("File is available.");

}

else

{

System.out.println("File is not available.");

}

}

catch(Exception ex)

{

System.out.println("some error occurred.");

}

}

```

```

public static void exit()

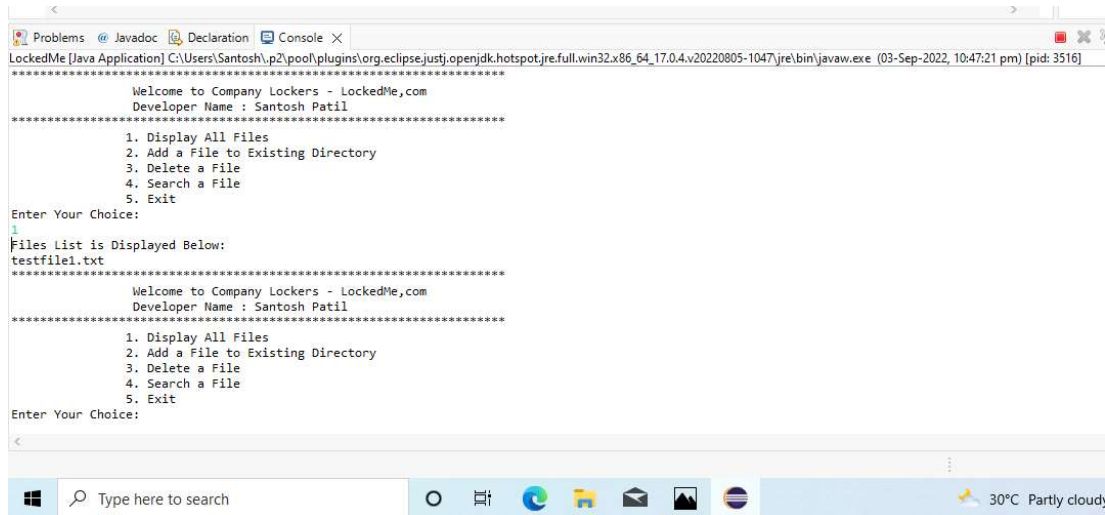
{

System.out.println("Thank you user.");

}

}

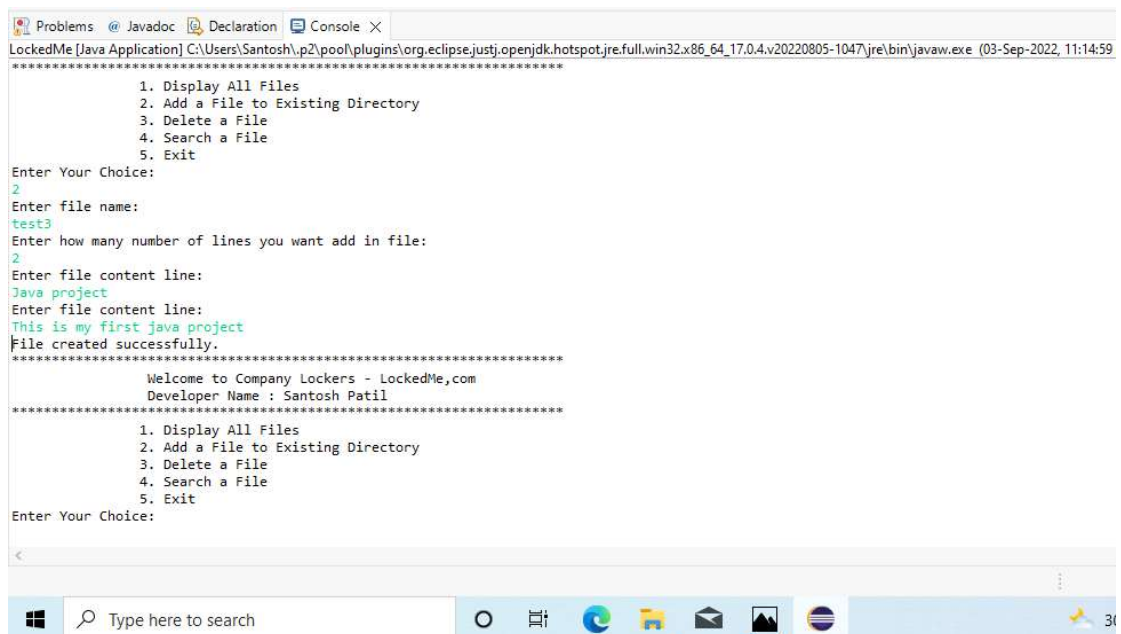
```



```

LockedMe [Java Application] C:\Users\Santosh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (03-Sep-2022, 10:47:21 pm) [pid: 3516]
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:
1
Files List is Displayed Below:
testfile1.txt
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:

```



```

LockedMe [Java Application] C:\Users\Santosh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (03-Sep-2022, 11:14:59)
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:
2
Enter file name:
test3
Enter how many number of lines you want add in file:
2
Enter file content line:
Java project
Enter file content line:
This is my first java project
File created successfully.
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:

```

```
Problems @ Javadoc Declaration Console X
LockedMe [Java Application] C:\Users\Santosh\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (03-Sep-2022, 11:4)

Welcome to Company Lockers - LockedMe.com
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:
3
Enter file name to be deleted:
test2
File deleted successfully.
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:
```

```
Problems @ Javadoc Declaration Console X
LockedMe [Java Application] C:\Users\Santosh\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (03-Sep-2022, 11:4)

Welcome to Company Lockers - LockedMe.com
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:
5
Thank you user.
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:
```



```
LockedMe [Java Application] C:\Users\Santosh\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.4.v20220805-1047\jre\bin\javaw.exe (03-Sep-2022, 11:46:19 pm)
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:
6
Your input number is incorrect. Choose correct Number
*****
Welcome to Company Lockers - LockedMe.com
Developer Name : Santosh Patil
*****
1. Display All Files
2. Add a File to Existing Directory
3. Delete a File
4. Search a File
5. Exit
Enter Your Choice:
```

