



COMPANY
LOCKERS

Project: LockedMe.com

PROJECT CLIENT:

Company Locker's Pvt. Ltd

DEVELOPED BY:

Vidit Sharma

SOFTWARE REQUIREMENT SPECIFICATION(SRS)

A. INTRODUCTION & SCOPE:

We need to design and develop a prototype of the application so as to ensure following options:

OPTION 1:

The first option should **return the current file names** in **ascending order**.

- The root directory can be either empty or contain few files or folders in it.

OPTION 2:

The second option should return the details of the user interface such as options displaying the following:

- **Add a file** to the existing directory list
 - You can ignore **the case sensitivity** of the file names
- **Delete a user** specified file from the existing directory list
 - You can add the case sensitivity on the file name in order to ensure that the right file is deleted from the directory list
 - Return a message if FNF (File not found)
- **Search a user** specified file from the main directory
 - You can add the case sensitivity on the file name to retrieve the correct file
 - Display the result upon successful operation
 - Display the result upon unsuccessful operation
- **Option to navigate back** to the **main context**.

OPTION 3:

- There should be a third option to **close the application**

B. FUNCTIONALITIES & WORK FLOW:

Welcome Step:

It will provide provide following options-

- 1 -> Display files in directory
- 2 -> Add, Delete or Search
- 3 -> Exit Program

```
***** Welcome to Company Lockers Pvt ltd. *****
***** Project: LockedMe.com *****
***** Developed by: Vidit Sharma *****

DIRECTORY : D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
|
```

Step 1:

To Display Files

- PRESS '1': To Display all files.
Prompt: Folder is empty

```
***** Welcome to Company Lockers Pvt ltd. *****
***** Project: LockedMe.com *****
***** Developed by: Vidit Sharma *****

DIRECTORY : D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
1
The folder is empty

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
```

Step 2:

For Modification and Search:

- PRESS '2': To Add, Delete, Search and Go back.
Prompt: Select any of the following:
 - a -> Add a file
 - b -> Delete a file
 - c -> Search a file
 - d -> Go Back to Main Menu

```

***** Welcome to Company Lockers Pvt ltd. *****
***** Project: LockedMe.com *****
***** Developed by: Vidity Sharma *****

DIRECTORY : D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
1
The folder is empty

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
2

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack

```

Step 2(a):

Adding three files- Rohit.txt, Virat.txt, Bumrah.txt:

- PRESS 'a': To add file one by one
 - Prompt 1: Please Enter a File Name:
 - After the name entered-
 - Prompt 2: File ... added to Directory...

```

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
a
? Adding a file...Please Enter a File Name : Virat
File virat added to D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
a
? Adding a file...Please Enter a File Name : Rohit
File rohit added to D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
a
? Adding a file...Please Enter a File Name : Jasprit
File jasprit added to D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack

```

Step 2(b):

Return to Main menu to see if all files are added and sorted.

- Press 'd': To Go Back to Main Menu
- Press '1': To Display all files.
 - All three files must display and sorted in ascending order.

```

d
Going Back to MAIN menu

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
1
The files in D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files are :
jasprit
rohit
virat

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program

```

Step 3:

Delete Files

- PRESS '2': To Add, Delete, Search and Go back.
- Press 'b': To Delete files

Prompt 1: Please Enter a File Name:

After the name entered-

- If DELETE unsuccessful : "Delete Operation failed. FILE NOT FOUND"

```

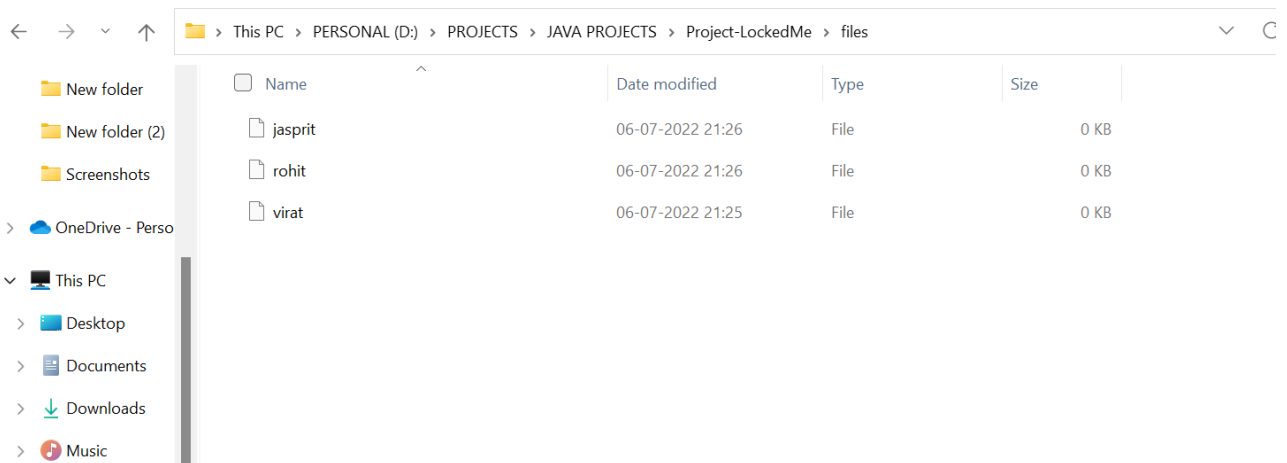
Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
2

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
b
? Deleting a file...Please Enter a File Name : Jasprit
Delete Operation failed. FILE NOT FOUND

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack

```

NOTE: As the File we search for is 'Jasprit' but the file which got saved in our Folder is 'jasprit' as it got converted to lowercase character. So, FILE NOT FOUND.

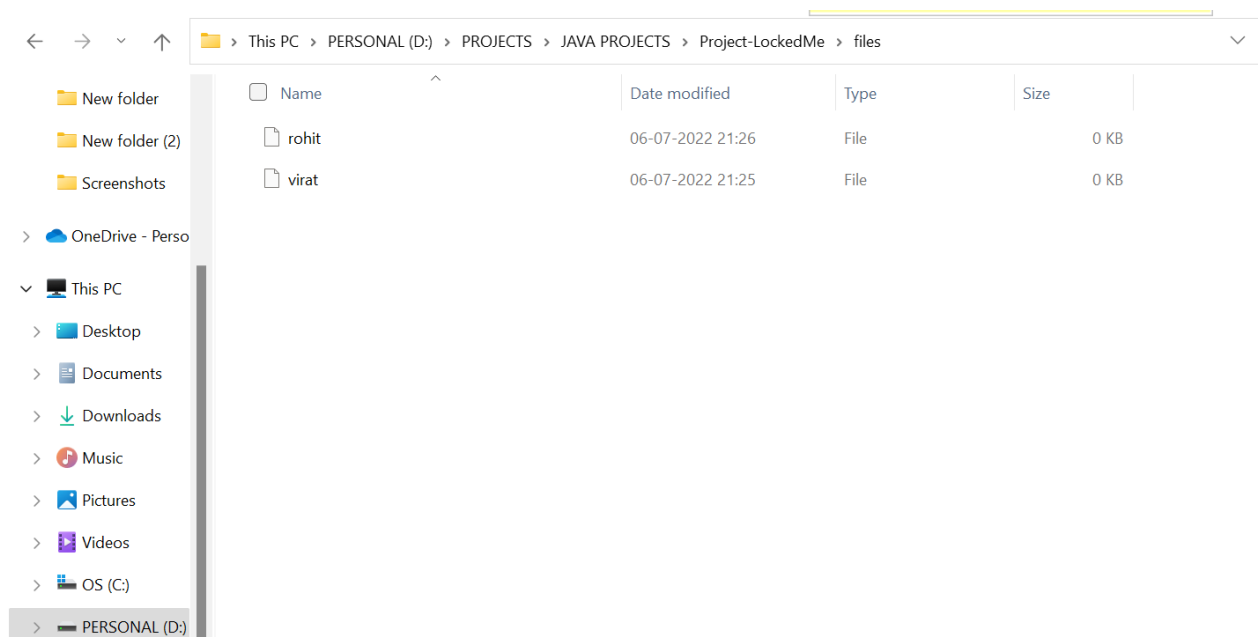


- If DELETE successful: "File "....." deleted from "...."

```

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
2
Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
b
? Deleting a file...Please Enter a File Name : jasprit
Delete Operation failed. FILE NOT FOUND
Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
b
? Deleting a file...Please Enter a File Name : jasprit
File jasprit deleted from D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files
Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack

```



Step 4:

Search files

- Press 'c': To Search the files

Prompt 1: Searching a file...Please Enter a File Name

After the name entered-

- If Successful Search: "FOUND : File ... " " exists at "

```
Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
c
? Searching a file...Please Enter a File Name : virat
FOUND : File virat exists at D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
```

- If Unsuccessful search: File NOT found (FNF)

```
Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
c
? Searching a file...Please Enter a File Name : virat
FOUND : File virat exists at D:\PROJECTS\JAVA PROJECTS\Project-LockedMe\files

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
c
? Searching a file...Please Enter a File Name : jasprit
File NOT found (FNF)

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
```

Step 5:

Navigating back to Main Menu

- Press 'd': To Navigate back to Main Menu

```
c
? Searching a file...Please Enter a File Name : jasprit
File NOT found (FNF)

Select any of the following:
a -> Add a file
b -> Delete a file
c -> Search a file
d -> GoBack
d
Going Back to MAIN menu

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program
```

Step 6:

Exit the program

- Press '3': To Exit the program.
Prompt: Thank you for choosing "Company Lockers -LockedMe"

```
d
Going Back to MAIN menu

Select any of the following:
1 -> Display files in directory
2 -> Add, Delete or Search
3 -> Exit Program

3
Thank you for choosing □Company Lockers -LockedMe□
```

D. TECHNOLOGY STACK:

- **Scrum**: An efficient agile framework to deliver the product incrementally
- **Eclipse/IntelliJ**: An IDE to code for the application
 - Java: A programming language to develop the prototype
- **GitHub**: To store the **application** code and track its versions
 - Git: To connect and push files from the local system to GitHub

E. TIME ESTIMATIONS:

- 5-7 days

F. TEAM:

- Developer: Vidit Sharma
- Git Location(Source Code): <https://github.com/vidit153/CompanyLockers.git>