LOCKEDME.COM

SPECIFICATION DOCUMENT

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| --- | --- | --- |
| **Author** | **Date** | **Version** |
| Tushar Binnar | 15-08-2021 | 1.0 |
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# Problem Statement

**Client: -** Lockers Pvt. Ltd

To develop website for client containing following feature.

* Retrieving the file names in an ascending order from Specified Folder
* Business-Level Operation

1. Option to add a user specified file to the application.
2. Option to delete a user specified file from the application.
3. Option to search a user specified file from the application
4. Navigation option to close the current execution context and return to the main context

* Option to close the application

# Sprint Planning

As Per, Problem Statement Developer need to develop below 4 functionalities.

* Read The Files in folder
* Add the Files in folder
* Delete the file from folder
* Search file from folder

Below are two sprint designed to develop the required functionality.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **No** | **Sprint No** | **Stories** | **Duration (Hrs.)** | **Developer** | **Date** |
| 1 | Sprint 1 | List Files in Folder | 2 | Tushar Binnar | 13-08-2021 |
| 2 | Add File in Folder | 3 | Tushar Binnar | 13-08-2021 |
| **Total Time For Sprint 1** | | | 5 |  |  |
| 3 | Sprint 2 | Delete Files in Folder | 2 | Tushar Binnar | 15-08-2021 |
| 4 | Search File in Folder | 2 | Tushar Binnar | 15-08-2021 |
| **Total Time For Sprint 2** | | | 4 |  |  |
| **Total Time For Sprints** | | | 9 |  |  |

Total 9 hours assigned to complete the project functionality in two sprints.

Sprint 1 completed on 13th Aug 2021 in 5 hours.

Sprint 2 completed on 15th Aug 2021 in 4 Hours.

# Algorithm & Flowchart

Welcome Screen

Main Menu

1. Display List of Files
2. File Operation List
3. Exit

Invalid Option

Break;

Default

Case 1

Case 2

List Files Names

Break;

Return to Main Menu

Break;

Invalid Option

Break;

Delete File

Break;

Default

Case 4

Case 3

Case 2

Add File

Break;

Exit from System

Break;

Search File

Break;

Case 1

Case 3

Switch (User Choice)

File Operation Sub Menu

1. Add File
2. Delete File
3. Search File
4. Return to Main Menu

Switch (User Choice)

False

False

False

False

False

True

True

True

True

True

True

True

True

True

True

False

False

False

False

True

Continue

Continue

# Core Concepts Used

1. Object Oriented Programming Concepts
2. Class & Objects Concepts
3. Methods & Variables
4. Loops

* Do- While
* For Loop
* For each

1. Conditional Statement : If else
2. Collections
3. Data Structures

# GIT Hub Link

<https://github.com/tbinnar/Phase_1_Project>

# Conclusion

Project completed successfully using below Java Concepts

1. Object Oriented Programming Concepts
2. Class & Objects Concepts
3. Methods & Variables
4. Loops

* Do- While
* For Loop
* For each

1. Conditional Statement : If else
2. Collections
3. Data Structures

# Enhancements

1. Instead of Console input we can provide the User Interface to client
2. We can give option to user delete specific file in list
3. We can display content of file if required.

# USP

1. It will be Lowest Cost Application
2. User Friendly application