**This document contains details about Application.**

Project-LockedMe.com

Developer-Deepak R

Git hub link for source code and documents related to Application-

https://github.com/Deepak642/Course2-LockedMe-Project/blob/main/LockedMe/src/com/LockedMe/Main.java

**Sprints-**

Planned-2 sprint (1 week each)

Sprint1-

\*Planning on how to implement application.

\*Implemented displaying all files and exit function of Application.

Sprint2-

\*Implemented Creating, deleting and searching user specified file.

\*Tested the application.

\*Prepared specification document.

**Algorithm-**

1. Display Welcome screen-

\*Display Application name, Developer name.

\*Provide options to user to select 1.Retrieve all files in ascending order,2.File operations,3.Exit.

2.Pressing 1 will display all files in ascending order from main folder.

3.Pressing 2 will go display options to do file operations.

\*Displays 4 options.

\*First option to create file,Second to delete file,Third to search file,Fourth to go to previous menu.

4.Pressing 3 will exit application.

**Core concepts used in the Project-**

Control statements, Loops, Exceptional handling, File handling, Methods, Linear search to search a file, Sorting feature to display files in ascending order, Data structures(Array, Lists).

**Outputs-**

Please refer to outputs file to check outputs of application.

**Unique selling points**-

\* The user can switch between options or return to previous menu even after performing operations like adding, deleting, searching.

\*Application will only exit when user selects exit option.

**Conclusion on enhancing the application-**

\*Application is working only for main folder created in current directory where code is running, we can implement to take path from user and handle all operations.

\*To implement best sorting algorithm to increase speed of the Application.

\*Providing user to read or write operations on files.

\*Adding authorization feature to provide access to only few users for some operations (Example-Writing into file).