**Product specification guide for Lockers Pvt. Ltd.**

**Project Name:** LockedMe.com

**Developer Name:**  Michael Rixon

**Project Submission Date:** 4th of September, 2022

**Capabilities:**

The application prototype has 3 operations:

1. Retrieving the current files names in ascending order
2. 1. Add a file to the application

2. Delete a file from the application

3. Search for a file in the application

4. Navigate back to main menu

1. Close the program

**Sprints**

2 daily sprints on the 1st and 2nd of September

**Sprint 1**

1st of September

5 hours to create the 3 main menu options. These are as follows:

1. returning the current file names in ascending order
2. display a submenu of options
3. close the program

**Sprint 2**

2nd of September

5 hours to create the 4 submenu options. These were adding, deleting and searching for files in the application, along with returning to the main menu

**Core concepts used in the program**

* Switch case statements
* Methods
* For loops
* Continue, break a loop
* Exception handling
* Regex
* Sorting
* Sets
* Streams

**GIthub Repository**

<https://github.com/mrixon95/Implement-OOPS-using-JAVA-with-Data-Structures-and-Beyond>

**Flow chart**

Diagram

Description automatically generated

**Conclusion and USPs**

LockedMe.com allows users to easily and quickly add, delete and search for the files in their current directory. The program is very simple to use and intuitive.