# LockedMe.com

Project 1

DESCRIPTION:

A prototype application which helps users to access a directory to perform file operations like – add, delete, search, and sorting the files and folders in ascending order.

## Background of the problem statement as per Lockers Pvt Ltd:

### Specification document - Product’s capabilities, appearance, and user interactions:

The product when run enables users to interact with a directory of their choice.

* They can specify the path of the directory to perform file handling
* They can add files
* They can delete files
* They can search for a particular file

This is a simple command line program.

### Number and duration of sprints required

It took 2 weeks, 1 hour per day to finish the project.

### Git Repository

The git repository is set and has been updated from the past 2 weeks. The repository link is as below:

<https://github.com/vishnugautam/Project1-LockedMe.com.git>

### Java concepts being used in the project

Java concepts such as:

* Classes
* Objects
* Interface
* Array Lists
* Import
* File class
* Loops
* Statements like if, else, if else
* Scanner class
* Exceptions
* Try and Catch

### Generic features and three operations:

* + Retrieving the file names in an ascending order
  + Business-level operations:
    - Option to add a 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
    - Navigation option to close the current execution context and return to the main context
  + Option to close the application

### The flow and features of the application:

* Two sprints have been planned
* Flow chart is prepared, and it is in the git repository
* Implemented the appropriate concepts such as exceptions, collections, and sorting techniques for source code optimization and increased performance