Company Lockers Pvt. Ltd. Product LockedMe.com Prototype of the application https://github.com/mha77/Phase1

The prototype of the application is operated as a command line program without GUI or Webinterface. It's usage is to store files in a folder, search for them, view the content, delete files and retrieve them in ascending order.

The implementation is done with the IDE IntelliJ and Java 17. Apache Commons is added to the project.

The Implementation is done in 2 sprints: Sprint 1:

- Clarify the specification and requirements.
- Implement functionality to add files
- Implement functionality to delete files
- Implement functionality to close the program

Sprint 2

- Implement search mechanism
- Implement view content mechanism
- Implement retrieve files in ascending order
- Documentation

Documentation of the Functionality:

Here will be introduced the different options of the program

Welcome Screen:

This is shown when the application starts. It's expected to press a number between 1 and 6 and press enter.

Welcome to Company Lockers Pvt. Ltd.

Markus Häge

Which operation you would like to do?

(1) Retrieve files

(2) Add a file

(3) Delete a file

(4) Search for a file

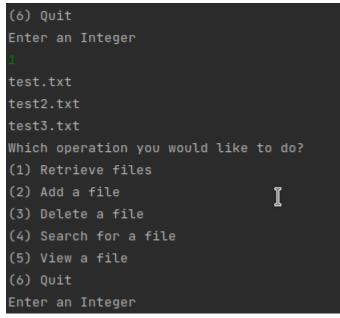
(5) View a file

(6) Quit

Enter an Integer

Retrieve Files:

Files which are already registered in the app can be listed on the screen. Here you can see 3 *.txt files.



Add a File:

Here a file from the filesystem can be saved in a folder relatively to the project path.

```
test.txt
test2.txt
test3.txt
Which operation you would like to do?
Retrieve files
(2) Add a file
(3) Delete a file
(4) Search for a file
(5) View a file
(6) Quit
Enter an Integer
Name path and file you want to add to the app:
File copied
Which operation you would like to do?
(1) Retrieve files
(2) Add a file
(3) Delete a file
(4) Search for a file
(5) View a file
(6) Quit
Enter an Integer
```

Delete a file:

A file from the project folder can be deleted here. The filename has to be entered.

```
(5) View a file
(6) Quit
Enter an Integer

3
Name file which you want to delete:
test.txt
File deleted
Which operation you would like to do?
(1) Retrieve files
(2) Add a file
(3) Delete a file
(4) Search for a file
(5) View a file
(6) Quit
Enter an Integer
```

Search for a file:

Here you can search a file. Enter the filename and the program looks in its folder if it exists.

```
(5) View a file
(6) Quit
Enter an Integer
4
Name file which search:
test.txt
File test.txt doesn't exist
Which operation you would like to do?
(1) Retrieve files
(2) Add a file
(3) Delete a file
(4) Search for a file
(5) View a file
(6) Quit
Enter an Integer
```

View a file:

Here you can see the content of a file. The filename has to be entered.

```
(5) View a file
(6) Quit
Enter an Integer
5
Name file which you want to view:
test2.txt
löfdsjölkdf
sldkfhk
Which operation you would like to do?
(1) Retrieve files
(2) Add a file
(3) Delete a file
(4) Search for a file
(5) View a file
(6) Quit
Enter an Integer
```

Quit:

Here you can exit from the program.

```
(5) View a file
(6) Quit
Enter an Integer
Process finished with exit code 0
```

Flowchart:

