Company Lockers Private Ltd.

Product LockedMe.com
Prototype of the Application

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About

The prototype of the application is operated as a CLI (Command Line Program) without GUI. Its usage is to do file operations such as create new files along with content, delete a file or search a file from a specified directory and list them afterward in sorting order.

The implementation is done with the help of Java 8 and IDE IntelliJ.

PRODUCT'S CAPABILITIES →

User Experience

- 1. It is a Full-Stack model, which has a completely new and modern design which serves as an interactive User Interface (UI).
- 2. Simple and Easy design with has a smooth work flow as the user proceed with the options.
- 3. Multiple options to proceed with each with an indicated option to click
- 4. User can easily enter the process, can go through the process, and can easily exit.

Technology Stack

- 1. Front-end and Back-end part is being implemented using Java Programming Language.
- 2. IntelliJ is used as the Integrated Development Environment(IDE) purpose.

3. Functionalities has been implemented using Data Structures and Sorting Techniques such as ArrayList, HashMap, Binary Search, Bubble Sort, and Strings.

Sprint Planning

The Implementation is done in two sprints which are mentioned below:

Sprint 1:

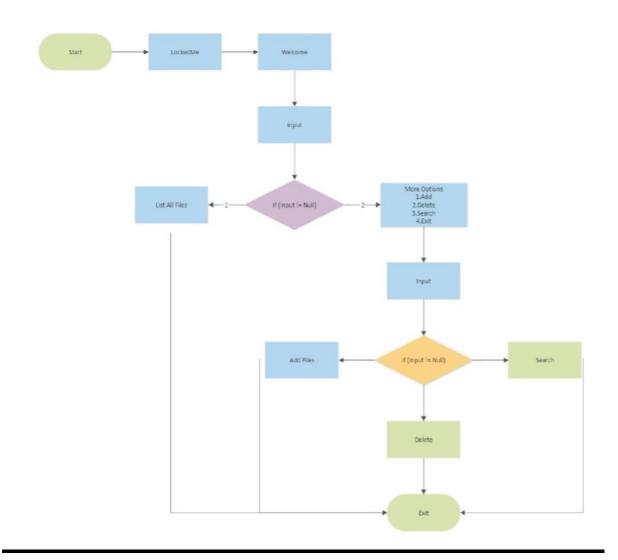
- Clarify the specification and requirements.
- Implement view content mechanism.
- Implement list of all files in sorted order.
- Implement functionality to close the program safely.

Sprint 2:

- Implement functionality to add create files along the content.
- Implement functionality to delete a file if it is present in that user specified directory.
- Implement functionality to search a file in the same directory.
- Documentation.

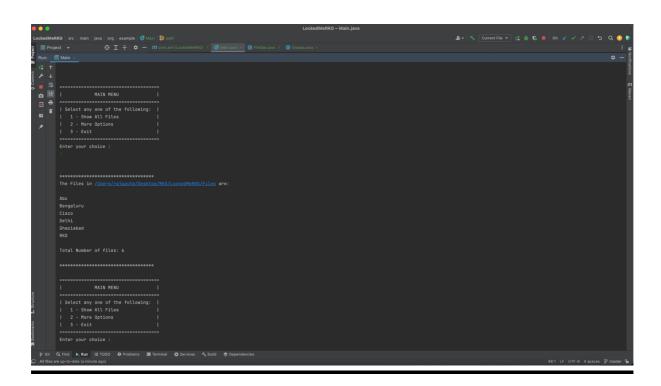
Flowchart-

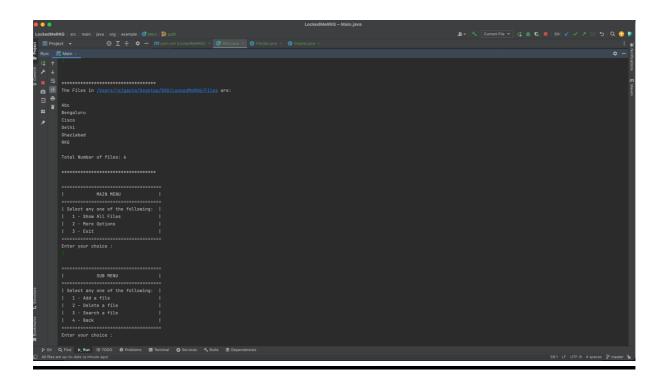
LockedMe Application Flowchart

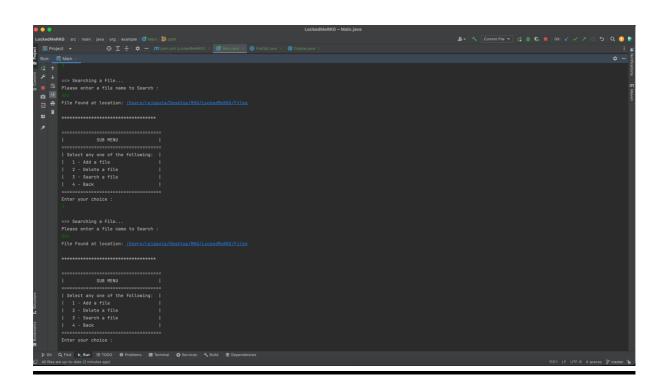


User Interface:-

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Source Code

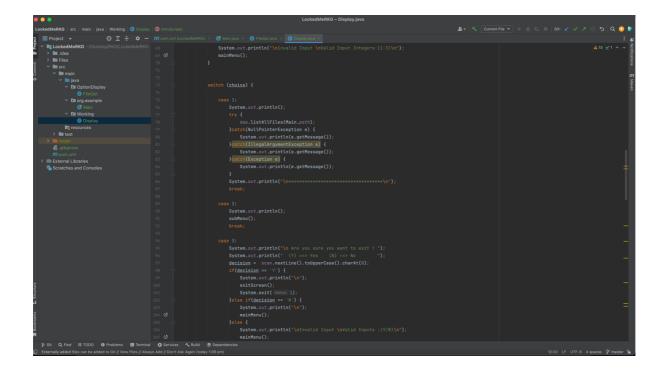
Main.java

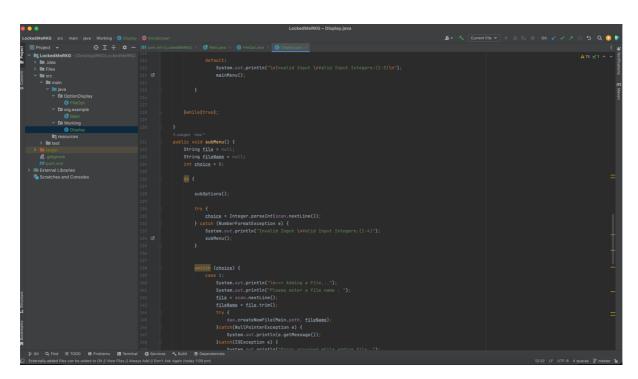
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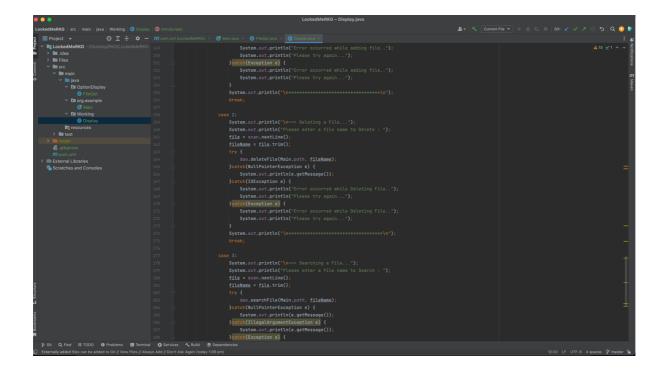
Display.java

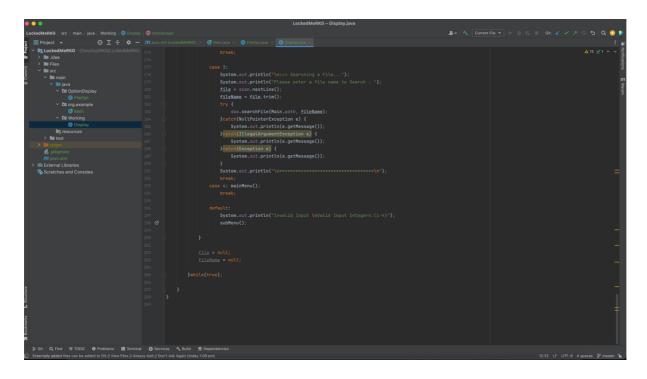
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Conclusion

- 1: The prototype is robust and platform independent.
- 2: User can easily use the prototype and safely exit out of it.
- 3: The prototype has a good interface with CLI (Command Line Interface).
- 4: As a developer, we can enhance it by introducing several new features such as appending in a file or overwriting a file and the file details for which user selected.
- 5: This prototype though is robust but user can only interact it with terminal or CLI so we can develop a good GUI interface for more better user-friendly.