# Company Lockers Private Ltd.

Product LockedMe.com Prototype of the Application

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GitHub: https://github.com/amityadav872699/Project-Phase-1-JAVA-FSD.git

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.

# **Sprint Planning**

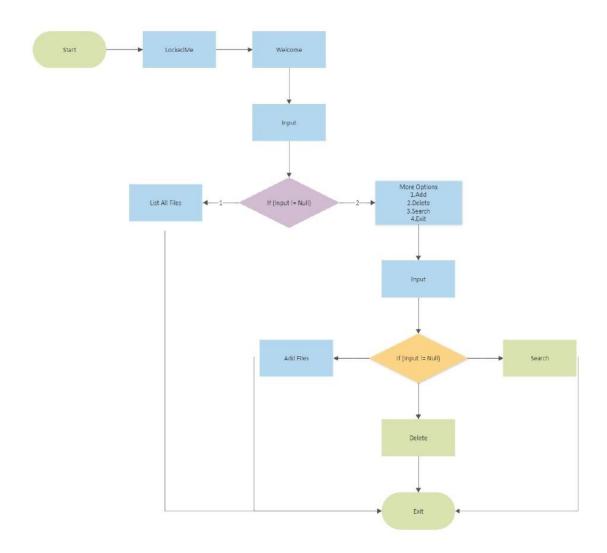
The Implementation is done in two sprints which are mentioned below:

#### 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.



# Output

#### **Source Code**

Main. java

### Menu.java

```
🚼 .gitignore × 😊 FileOptions.java × 😊 Menu.java >
                          System.out.println("\nInvalid Input \nValid Inputs :(Y/N)\n");
                                       m pom.xml (Lockedme) × © Main.java ×
                    choice = Integer.parseInt(scan.nextLine());
                       System.out.println("\n==> Adding a File...");
                          dao.createNewFile(Main.path, fileName);
                       }catch(Exception e) {
                       System.out.println("\n**********************************);
```

## FileOptions.java

```
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                 if (path == null || path.isEmpty() || path.isEmpty())
    throw new NullPointerException("Path cannot be Empty or null");
                 File dir = new File(path);
                 String [] files = dir.list();
© Menu.java
                     Set<String> filesList = new TreeSet<String>(Arrays.asList(files));
System.out.println("The Files in "+ dir.getAbsolutePath() + " are: \n");
                  if (path == null || path.isEmpty() || path.isEmpty())
                      throw new NullPointerException("Path cannot be Empty or null");
                  if (fileName == null || fileName.isEmpty() || fileName.isEmpty())
                  if (createFile) {
```

### 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.