**LockedMe.com Application**

**Process steps:**

**Step 1:**

Created the Welcome page for the application with name of the application, details of the organization and features of the application for user interaction.

**Step 2:**

Created the “Main Menu” of the application with options.

1. To list all files and folders in ascending order
2. To perform file manipulation operations like file creation, deletion and searching for a particular file
3. To exit the application

**Step 3:**

Created the “File Operations” sub menu for file operations with following options to choose.

1. Create and add a new file to the directory
2. Delete a file from the directory
3. Search for a specific file in the directory
4. Return to Main menu

**Step 4:**

1. Implemented the method for File Operations menu
2. Written algorithms and procedures for file creation, deletion and search functions with appropriate constraints and restrictions to check for while performing those operations.
3. Written the procedures for viewing the files in ascending order

**Step 5:**

Checked and verified that the application properly handles all the possible invalid conditions, exceptions and errors that might arise when the user uses the application.

**Step 6:**

Checked the application by executing all the operations and functions and verified that the system produces valid desired results.



**Core concepts used:**

Java IO Packages for file packages, classes and its methods; Java Collections framework and Array List; Java utility packages.

**GitHub repository link:**

Please [Click here](https://github.com/VigneshRaaj-NS/Simplilearn-Java-FSD/tree/main/Phase%201/Assessment%20Project) to go to the GitHub repository.