

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

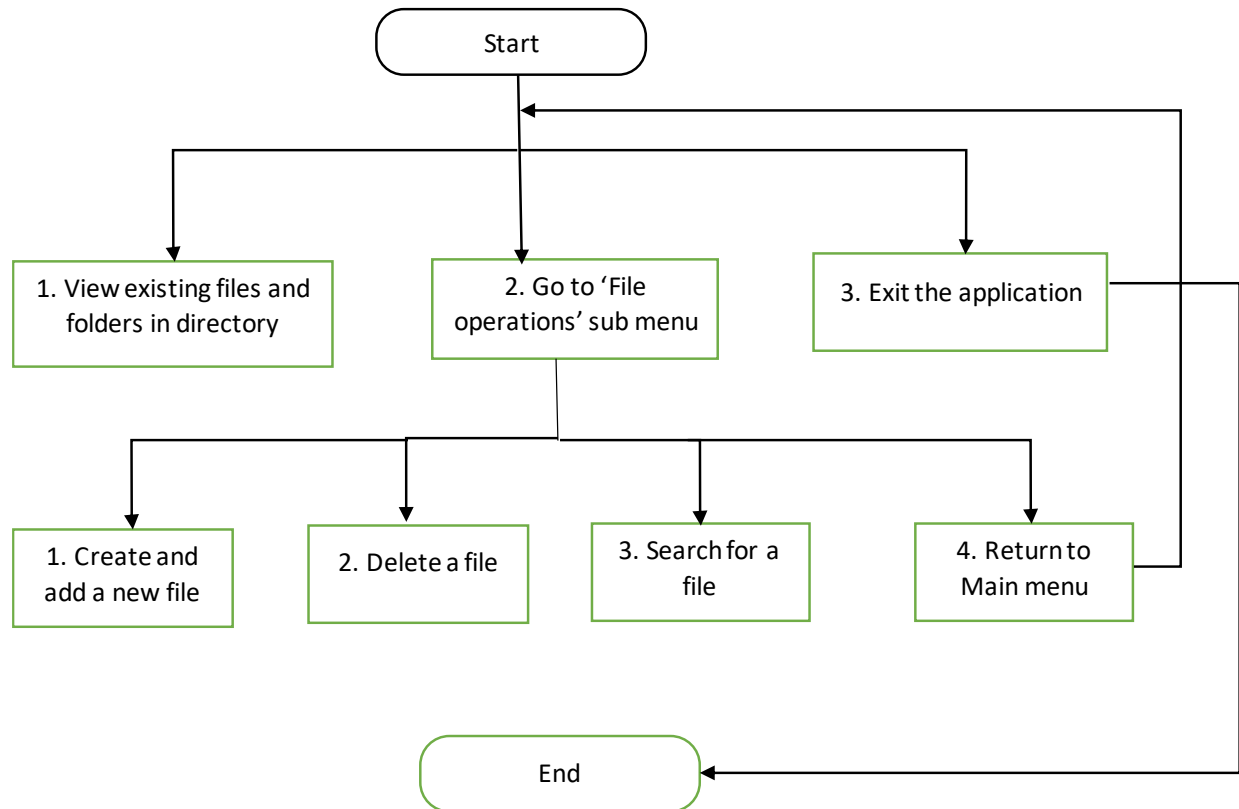
Step 5:

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.

Flow Chart:



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](#) to go to the GitHub repository.