

LockedMe.com

Developer: Mohit Gangwar

Language: Java

IDE: Eclipse

Repository Link: <https://github.com/MohitG070/JavaTrainingProject1.1-LockedMe.com->

Project Overview

LockedMe.com is a command-line based file manager. It allows users to view, add, delete, and search files within a directory. The application uses exception handling and does not crash upon invalid input. The application follows the Agile Scrum methodology for development.

Functional Specifications

- Welcome screen shows application name and developer info
- Main menu with options:
 - List files in ascending order
 - File Manger operations:
 - Add file (ignores case sensitivity)
 - Delete file (considers case sensitivity)
 - Search file (considers case sensitivity)
 - Return to main menu
 - Exit the Application
- All operations in a designated “root” directory

Sprint and Planning

Sprint 1: Setup and Initialization

Sprint 2: Implementing Core Logic

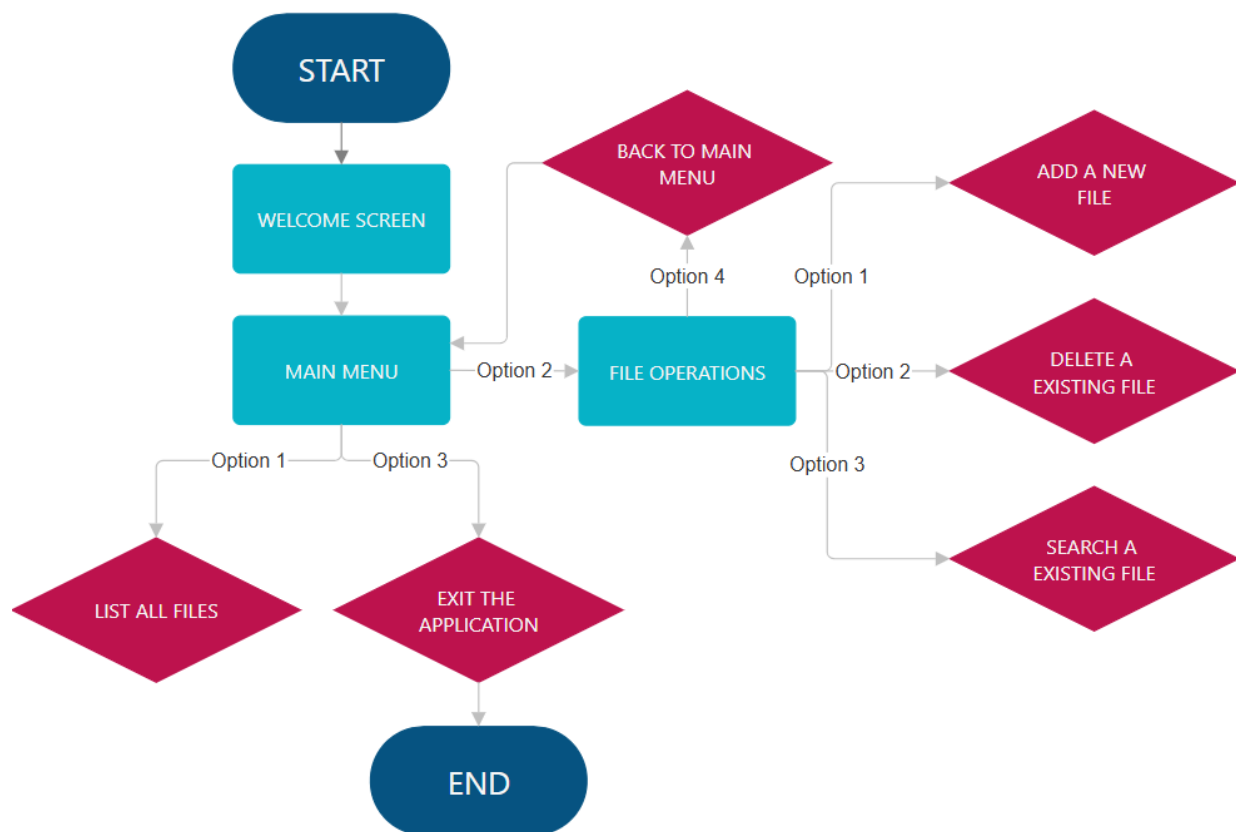
Sprint 3: Final Documentation

- The Sprint Plan document is uploaded separately.

Algorithms and Core Concepts Used

- Classes and Objects
- File handling with java.io.File and java.nio.file
- Exception Handling (using try-catch blocks)
- Arrays and sorting
- User interaction using Scanner
- String manipulation and case-sensitivity control
- All menus accept only valid integers
- Invalid file operations (like deleting non-existent file) show error messages
- File not found (FNF) messages shown clearly
- Application never crashes or exits abruptly on bad input

Flow of the Application



Conclusion

Unique Selling Points (USPs)

- Safe File Handling
- Sorted File Listing
- Simple Command Line Interface

Future Enhancements

- User authentication system
- Subdirectory support
- Advanced search feature using extension or file size