

SRS Documentation for Week 1

Developer Details:

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Full stack Developer at LockedMe.com

Project objective:

As a Full Stack Developer, complete the features of the application by planning the development in terms of sprints and then push the source code to the GitHub repository. As this is a prototyped application, the user interaction will be via a command line.

GOAL:

To develop a prototype application for file handling with various functional and non-Functional parts of design namely. The aim here is to deliver a minimal viable product using the core java concepts in union with the collection framework.

1. File name : Display the existing files in any.
2. Create and Edit Files : (add, delete, search,back to main menu)
3. To quit the app.

The goal of the project is to develop a system that handles file operations for the user, using the command line since it's a protocol.

TOOLS USED:

1. Jdk 1.8, Jre
2. Spring Tool Suite 4.0
3. Local File Directory.
4. Maven
5. Agile Methodology

INTENDED AUDIENCE

1. Anyone who who uses file
2. Lockers Pvt. Ltd.
3. LockedMe.com

PRODUCT CAPABILITIES

1. A design that is simple, organized and can be used by naive users.

2. Create File
3. Delete File
4. Search File
5. Modify File
6. View the existing files

SPRINT

- 1 week per project, per module is one sprint. Sprints are of minimum a week's period. Hence we are currently done with sprint 1.

APPEARANCE

1. User Friendly
2. Easy to navigate
3. Using menu system to navigate
4. Command line interface
5. Prototype Application

STEPS REQUIRED TO SET UP

1. Open a shell at the desired location to download the files.
2. git init
3. git clone https://github.com/dhwani2909/BNP_SimplilearnProject.git
4. Create a folder to store and access all the files in one place.
5. Copy the directory.
6. Open the project in the spring tool suite 4.0
7. Follow the order to change the directory.
8. Access the files from the package explorer.
9. First-project-simplilearn > src/main/java > com.file.boimpl > FileHandlerBoImpl.java > traverse to method: public List<FileHandler> getAllFiles();
10. Paste the directory in the existing file path.
11. Save
12. Right click on the package. Run as> Maven Build>goal is "compile"
13. Go to com.file.main > FileHandlerMain.java > Ctrl + f11
14. Check the console for controls.

VARIABLES DEFINED

1. View existing files : This will show you all the files that you've created.
2. Create & Modify :
- 3.

- a. Create allows you to create a new file and take filename from the user.
 - b. Read allows you to read the file contents.
 - c. Write overwrites the existing file contents.
 - d. Append allows you to add new messages without hampering the previously written message.
 - e. Delete completely deletes the file from the directory and the message is completely lost.
 - f. Search by name allows you to check if the file already exists in the folder.
 - g. Return leads you back to outer menu
4. Exit : Close the file handler for you.