

# Readme

## Abstract

This document shows how to run this application and use it. The application reads from a text file and stores the file/folder structure into database. Then using the application, the paths can be found by searching the name of the file/folder.

## Step1

Change the src/main/resources/fs1.txt file to any file you want to read the structure from.

## Step2

Run following command to build the application. Make sure java8 or higher version is installed, and maven is configured. Use eclipse/ IntelliJ to import the project as existing maven project and run the file FilesystemApplication to start the web application. Else run the below command and move to step 2 to run the application.

```
mvn install
```

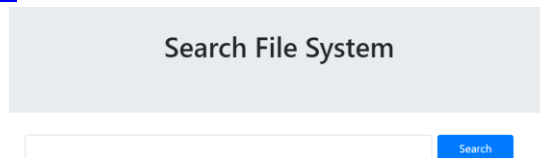
## Step3

Run the jar file. Give the available port.

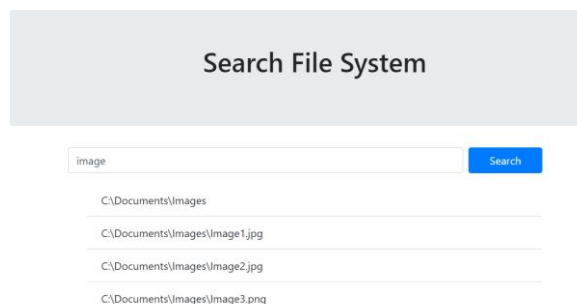
```
java -jar filesystem-0.0.1-SNAPSHOT.jar --server.port=8080
```

## Step4

Open <http://localhost:8080/> in a browser.



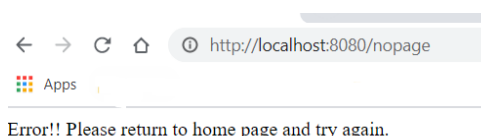
Above page will appear. Put the search string and press search. It will show the result. I have made the search case insensitive.



[Output of the search]



[Error message if the input is blank]



[Error message if page does not exist]