

Lokers Pvt Ltd - File operation

Project is executed in Agile methodology. Project is planned for 3 sprints and with 1 week for each sprint.

Eclipse editor is used to develop coding

Git Commands used to push code to Git Hub

```
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/madandevpath/LokersPvt.git
git push -u origin master
```

File Operations

This project contains 1 package and 5 classes.

Package Name - fileOperations

Class Name :

- Home Screen
- AddFile
- DeleteFile
- SearchFile
- ListFile

HomeScreen

1. Display Welcome screen with application name and developer name
2. Get input from the user using the Scanner option.
3. If the user input is numeric "1" then access List File Class.
4. If the user input is numeric "2" then access AddFile Class.
5. If the user input is numeric "3" then access DeleteFile Class.
6. If the user input is numeric "4" then access SearchFile Class.
7. If the user input is numeric "5" then Exit from the application.
8. If the user input is not "1,2,3,4,5" then ask User to Enter correct Choice by going back to step 2.

ListFile

1. Set the current directory.
2. Initialize File class.
3. List all the files in the current directory and assign it to the String List variable.
4. Using collections sort the string list variable.

5. Display the list variable in ascending order.

AddFile

1. Set the current directory
2. Get the input from the user to get the file name.
3. Initialize the File Class.
4. Check if the file exist in the current directory then display "File already exist"
5. If the file doesnt exist in the current directory then create a new file.
6. Try, Catch is used to handle Exceptions.

DeleteFile

1. Get the input from the user to delete a file.
2. Initialize the file Class.
3. Check if the file exists in the current directory.
4. If the file doesnt exists then display "File doesnt Exists".
5. If the file is found in the current directory then delete the file.
6. If the delete file is success then display "File Deleted successfully"
7. If the delete file is not success then display "Failed to delete the file".

Search File

1. Get the input from the user to search a file.
2. Initialize the File Class.
3. Check if the file exists in the current directory.
4. If the file is found in the directory then display "Given File Name found".
5. If the file is not found in the directory then display "Given File Name not found".