Phase1: Final assessment project

Git Repository : https://github.com/Sathvika0214/corejava.git

Virtual key for your repositories:

Project objective:

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.

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General info:

A simple file handling project in Java

Background of the problem statement:

Company Lockers Pvt. Ltd. Hired you as a Full Stack Developer. They aim To digitize their products and chose LockedMe.com as their first

Project to start with. You're asked to develop a prototype of the Application. The prototype of the application will be then presented to

The relevant stakeholders for the budget approval. Your manager has set Up a meeting where you're asked to present the following in the next 15 Working days .

• Specification document – Product's capabilities, appearance, and User interactions

• Number and duration of sprints required

• Setting up Git and GitHub account to store and track your Enhancements of the prototype

• Java concepts being used in the project

• Data Structures where sorting and searching techniques are used.

The goal of the company is to deliver a high-end quality product as Early as possible.

Using the application:

Welcome screen displays the application name and the developer details.

The details of the user interface are shown to the user. The user has to select from the options listed

```
**************** LockedMe.com ********************
**************** Sathvika Munja *******************


DIRECTORY : D:\KCSM8\src\phase1Corejavaproject\files


MAIN MENU - Select any of the following:
1 -> List files in directory
2 -> Add, Delete or Search
3 -> Exit Program
```

1. The first option returns the current file names in ascending order. The main directory can be assigned in LockedMe class.

2. The second option returns the details of the user interface options displaying the following:

  a. Add a file to the existing directory list

  b. Delete a user specified file from the existing directory list

  c. Search a user specified file from the main directory

  d. Option to navigate back to the main context

3. Third option to closes the application

Technologies:

- Eclipse/IntelliJ: An IDE to code for the application
- Java: A programming language to develop the prototype
- Git: To connect and push files from the local system to GitHub
- GitHub: To store the application code and track its versions
- Scrum: An efficient agile framework to deliver the product Incrementally
- Search and Sort techniques: Data structures used for the project
- Specification document: Any open-source document or Google Docs

Setup:

Run this as a java project

Launcher or main() method can be found in LockedMe class under src folder