**Project Name: Simplilearn Project phase1**

**Project Developer: Yashaswi Goswami**

**Project detail:**

The project shows user five choices. Where user can

1. View listed files in the directory.
2. View all files available in the directory.
3. Add the files.
4. Delete the files.
5. Exit from the system.

This project creates a separate directory into the system for the file operation. When a file is created by the user, it is registered to the registry file, Metalist.txt. User the can view the registered files separately along with the option to view al files available in directory. A user can add the file, where whitespace and special characters are not allowed. The file can only be created with .txt extension. This solves the problem of inappropriate file extensions.

The project aims at giving user the confidential information of he listed file only through the program. All the files are shown in alphabetically ascending order.

**Github link**: <https://github.com/yashaswiGoswami/Simplilearn_Project1.git>

**Technology used:**

* Eclipse
* Java
* Git Bash
* Git Hub
* Sorting algorithm

**Core Concepts used:**

* File operation.
* String Pattern and Matcher
* Bubble Sorting
* Exception Handling

**Sprint detail:**

**Sprint 1:**

1. Show five choices:

* Load listed files.
* Load listed/unlisted files. [All files available in te directory]
* Add a new File.
* Delete a File.
* Exit

1. Take user inputs for each choice
2. Create separate class with methods for searching/adding/deletion.

**Sprint 2:**

1. Validate the user input for each choice.
2. Show files alphabetically ascending order.
3. Create a separate registry file for registering the files.

**Scrum Burndown chart:**

Figure : Scrum Burn Down Chart



**Conclusion:**

The project can be made more capable if it lets the user open and view the files from the console. The file can also be shown sorted by size, and date of creation.