**PHASE-1**

**PROJECT**

**Virtual Key For Your Repositories**

**Documentation contains:**

**1.Sprints planning and task completion**

**2.Core concepts used in this project**

**3.Make a rough flow chart**

**4.Algorithm for this code**

The code for this project is hosted at <https://github.com/uma1472/Myprojects.git>

And this project is developed by UMA LAKSHMI

## Sprints planning and Task completion

The project is planned to be completed in 1 sprint. Tasks assumed to be completed in the sprint are:

* Creating the flow chart
* Initializing git repository to track changes as development progresses.
* Writing the Java program to fulfill the requirements of the project.
* Testing the Java program with different kinds of User input
* Pushing code to GitHub.

Creating this specification document highlighting application capabilities, appearance, and user interactions

## **Core concepts used in project:**

Collections framework, File Handling, Sorting, Flow Control, Recursion, Exception Handling, Streams API

Flow chart:

Start Program

Switch Case input value

false

It performs delete operation

Allow user to perform add file operation

performing file operation and take user input, displays the second menu

User take the input as initial menu

Switch choices

Display welcome test

Creating folder by adding and create files

Case1

true

false

Case 2

true

false

Case 3

perform search operation to allow the user

true

True

Displays Ascending order all foders will get

false

Case1

Case4

true

previous menu displayed

Case2

false

True

Case5

false

default :input correct value and retry

Case3

true

true

program terminate successfully displays

program terminated successfully printed

false/wrong input

default : it displays input correct value and retry

End program

**Algorithm:**

Step1: Start the program in eclipse.

Step2: Create a folder directory path for adding and creating a files.

Step3: Print the welcome screen and developer name.

Step4: Display the initial menu and the and take user input.

Step5: Switch input value

* Case1 is true display the sorted file,if it present in current working directory and go to the step4.
* Display case2 is true it display the sub menu,user performs the some operation.
* Case3 terminate the program.
* Switch input value
* Case1 is true the user to perform the add and create a file operation and goes to step 5.1 step.

Step5.1:

Case2 is true and allow user to perform deletion operation and goes to the 5.2 and false goes to 5.2.

Step5.2:

case3 is true and allow user to perform the operation and goes to the 5.2 and false goes to 5.3.

Step 5.3:

case 4 is true and program goes to the main menu option(goes to step4) and false goes to 5.4.

5.4:

case5 is true program is terminated and false wrong input goes to the default statement.

5.5: Stop the program.

Step6: Display the output.