**Phase1 Project Source Code**

package phase1;

import java.io.File;

import java.util.Arrays;

import java.util.Scanner;

public class phase1 {

public static void main(String[] args) {

File folder = new File("C:\\Users\\Ketandeep Sharma\\Desktop\\java fsd classes simpli\\phase1");

folder.isDirectory(); // created folder is already a directory to ensure we are checking it with function but can also use mkdirs() function to make a directory

Scanner input = new Scanner(System.in);

while(true){

System.out.println("Virtual Key Repository For User :- \n \n");

System.out.println("Below are the functionality an user can use \n\n");

System.out.println("1 -> Show file in ascending order \n");

System.out.println("2 -> press ( 2 ) to use some user defined operations\n");

System.out.println("3 -> xxxxx Exit Window xxxxx ");

System.out.println(" Choose the appropriate key to perform operations \n");

int choice = input.nextInt();

switch(choice)

{

case 1:

File arr[] = folder.listFiles();

Arrays.sort(arr);

for(int i=0;i<arr.length;i++)

System.out.println(arr[i]);

break;

case 2:

Boolean temp = true;

while(temp) {

System.out.println("operation one :- Press (1) to add file ");

System.out.println("operation two :- Press (2) to delete file ");

System.out.println("operation three :- Press (3) to search a file");

System.out.println("operation four :- Press (4) for main menu");

System.out.println("operation five :- xxxxx Press (5) Exit Current Portal xxxxx");

int choice2 = input.nextInt();

switch (choice2) {

case 1:

File f = new File("C:\\Users\\Ketandeep Sharma\\Desktop\\java fsd classes simpli\\phase1");

System.out.println("Enter a file name");

String name = input.next();

if(new File(folder,name).exists()){

System.out.println("file already exist");

}else {

File folder1 = new File(folder, name);

folder1.mkdir();// different directory just to add a new file

if (new File(folder, name).exists()) {

System.out.println("file added successfully");

}

}

break;

case 2:

System.out.println("Input a file name");

String name1 = input.next();

boolean folder2 = new File(folder, name1).exists();

System.out.println(folder2);// checking that whether it is already exist or not?

if (folder2 == true) {

File folder3 = new File(folder, name1);

folder3.delete();

System.out.println("Delete Operation Successful");

} else {

System.out.println("file does'nt exist");

}

break;

case 3:

System.out.println(" -> Input a Keyword <- ");

String search = input.next();

File arr1[] = folder.listFiles();

for(int a=0;a<arr1.length;a++){

if(arr1[a].getName().startsWith(search)){

System.out.println(arr1[a]);

}else{

System.out.println("No file found with this keyword");

}

}

break;

case 4:

temp = false;

break;

case 5:// inside main switch statements conditions

System.out.println(" Portal called off ");

System.exit(0);

default:// inside main switch statement default for coming out to main window

System.out.println("Choose appropriate Key (Try again) ");

}

}

break;

case 3:// main switch case condition to follow on

System.out.println("Program window Terminated");

System.exit(0);

default:// default condition of main switch statement

System.out.println(" Choose appropriate Key (Try again) ");

break;

}

}

}