package Virtual\_Key\_Repository;

import java.util.List;

import java.util.Scanner;

import Virtual\_Key\_Repository.menuOptions;

public class HandleOption {

public static void handleWelcomeScreenInput() {

boolean running = true;

Scanner sc = new Scanner(System.in);

do {

try {

menuOptions.displayMenu();

int input = sc.nextInt();

switch (input) {

case 1:

FileOperations.displayAllFiles("main");

break;

case 2:

HandleOption.handleFileMenuOptions();

break;

case 3:

System.out.println("Program exited successfully.");

running = false;

sc.close();

System.exit(0);

break;

default:

System.out.println("Please select a valid option from above.");

}

} catch (Exception e) {

System.out.println(e.getClass().getName());

handleWelcomeScreenInput();

}

} while (running == true);

}

public static void handleFileMenuOptions() {

boolean running = true;

Scanner sc = new Scanner(System.in);

do {

try {

menuOptions.displayFileMenuOptions();

FileOperations.createMainFolderIfNotPresent("main");

int input = sc.nextInt();

switch (input) {

case 1:

// File Add

System.out.println("Enter the name of the file to be added to the \"main\" folder");

String fileToAdd = sc.next();

FileOperations.createFile(fileToAdd, sc);

break;

case 2:

// File/Folder delete

System.out.println("Enter the name of the file to be deleted from \"main\" folder");

String fileToDelete = sc.next();

FileOperations.createMainFolderIfNotPresent("main");

List<String> filesToDelete = FileOperations.displayFileLocations(fileToDelete, "main");

String deletionPrompt = "\nSelect index of which file to delete?"

+ "\n(Enter 0 if you want to delete all elements)";

System.out.println(deletionPrompt);

int idx = sc.nextInt();

if (idx != 0) {

FileOperations.deleteFileRecursively(filesToDelete.get(idx - 1));

} else {

// If idx == 0, delete all files displayed for the name

for (String path : filesToDelete) {

FileOperations.deleteFileRecursively(path);

}

}

break;

case 3:

// File/Folder Search

System.out.println("Enter the name of the file to be searched from \"main\" folder");

String fileName = sc.next();

FileOperations.createMainFolderIfNotPresent("main");

FileOperations.displayFileLocations(fileName, "main");

break;

case 4:

// Go to Previous menu

return;

case 5:

// Exit

System.out.println("Program exited successfully.");

running = false;

sc.close();

System.exit(0);

default:

System.out.println("Please select a valid option from above.");

}

} catch (Exception e) {

System.out.println(e.getClass().getName());

handleFileMenuOptions();

}

} while (running == true);

}

}