LockedMe.com

This Document Section Contains:-

1. **Sprint planning**
2. **Core concepts**
3. **Flow of application**
4. **Demonstration of project, interface and user interaction**

The code for this project is hosted at

<https://github.com/Bassi-626/LockedMe.com>

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1)**Sprint planning**

* Creating the flow of the application
* Initializing git repository to track changes as development
* Writing the java program to fulfill requirement
* Testing java program with different kinds of user input
* Pushing code to GitHub
* Creating this specification document application capabilities, appearance and user interaction

2) **Core concepts**

* File Handling
* Sorting
* Exception Handling

3)**Flow of Application**

While

Exit

Delete

Search

Back to MENU

Add

Create main folder

Case 14

Case 13

Case 12

Case 11

Switch

Display Current Files

Case 2

Case 3

Case 1

Switch

Do

Display Menu

Print welcome screen

4) **Demonstration of project, interface and user interaction**

* Creating a project in Eclipse
* Writing Program in java to perform the application
* Pushing the code to GitHub Respository

Step 1-

* Open Eclipse.
* Go to File->Project->Java Project->Next.
* Type project name and click on finish.
* Select your project and go to File->New->Class

Step 2-

Writing a program in java

package MyPackage;

import java.io.\*;

import java.util.Arrays;

import java.util.Collections;

import java.util.LinkedList;

import java.util.List;

import java.util.Scanner;

public class Course2Assesment {

public static void main(String[] args) throws IOException {

// **TODO** Auto-generated method stub

Scanner sc = new Scanner(System.***in***);

int Menu, option, suboption = 0, suboption1;

String filename, filename1, filename2;

*createFileOutputStream*();

System.***out***.println("Appliation Name:- LockedMe.com "

\nDeveloper Name:- Lockers.Pvt.Ltd"+ "\nWelcome to Menu Related

Application");

String a = "\n\tSelect the MENU you want" + "\n1) Current Files" +

"\n2) User Interface"+ "\n3) Close Application";

System.***out***.println(a);

do {

option = sc.nextInt();

switch (option) {

case 1:

File fileDirectory =

newFile("/Users/basantchoudhary/Documents/Test Folder");

if (fileDirectory.isDirectory()) {

List<String> ListFile =

Arrays.*asList*(fileDirectory.list());

Collections.*sort*(ListFile);

System.***out***.println("Sorting File Name in Ascending

Order");

for (String s : ListFile) {

System.***out***.println(s);

}

} else {

System.***out***.println(fileDirectory.getAbsolutePath()

+ " is not in Directory");

}

break;

case 2:

System.***out***.println("\tChoose the option in MENU" +

"\n11) Add File" + "\n12) Delete File"

+ "\n13) Search File" + "\n14) Return to Menu");

suboption = sc.nextInt();

switch (suboption) {

case 11:

System.***out***.println("You have selected option t

Add File");

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

filename1 = sc.next();

System.***out***.println("Enter data to Add");

filename = sc.next();

String data = filename;

FileOutputStream out = new FileOutputStream(

"/Users/basantchoudhary/Documents/Test Folder/" + filename1);

out.write(data.getBytes());

out.close();

System.***out***.println("File has been added");

break;

case 12:

System.***out***.println("You have selected option to

Delete file");

System.***out***.println("File Name");

filename2 = sc.next();

File file = new

File("/Users/basantchoudhary/Documents/Test

Folder/" + filename2);

if (file.delete()) {

System.***out***.println(file + " is gotted and deleted");

} else {

System.***out***.println(file + " FNF(File Not

Found)");

}

break;

case 13:

String filename3;

System.***out***.println("Enter File name to search" +

".txt");

filename3 = sc.next();

File Folder = new

File("/Users/basantchoudhary/Documents/Test

Folder");

File[] listOfFiles = Folder.listFiles();

LinkedList<String> filenames = new

LinkedList<String>();

for (var I : listOfFiles) {

filenames.add(I.getName());

}

if (filenames.contains(filename3)) {

System.***out***.println("Operation is

Succesful");

System.***out***.println("File path:-" +

Folder.getAbsolutePath());

} else {

System.***out***.println("Operation is

UnSuccesful");

}

break;

case 14:

System.***out***.println("You have selected option to

Return the Menu");

System.***out***.println(a);

break;

default:

System.***out***.println("Invalid Option");

break;

}

case 3:

if(option==3) {

System.***out***.println("The program has been

closed");

}

break;

default:

System.***out***.println("Invalid Option");

break;

}

} while (true);

}

private static void createFileOutputStream() {

// **TODO** Auto-generated method stub

}

}