

LockedMe Project Documentation

Sprint Demonstration: First of all I followed a Agile Scrum Methodology.

Sprint: Implements a project in small chunks and performs all the necessary tasks to deliver, a potentially shippable product at the end.

Sprint Execution: Sprint Execution starts after Sprint Planning and ends before Sprint Review. For a two-week Sprint, the duration of Sprint Execution lasts for 8 to 10 days.

Sprint Planning: (1) During sprint planning, the team creates a prioritized plan, called Sprint Backlog for achieving the Sprint goal. While task planning, team members perform 'just-in-time' task-level planning to increase the task performance.

(2) Once a new Sprint begins, No additional Product backlogs will be added or removed from the sprint.

User Stories: Selected user stories to define task's & discussed the way to execute task's.

-----**Developer zone**-----

Developer Name: Aman Kumar Verma

Project Name: LockedMe.com

Email-Id: amanv7518@gmail.com

Github Account: AmanKumarVerma2496(User-Name)

Github Account Link : <https://github.com/AmanKumarVerma2496>

As I Developed the **LockedMe.com** project I took **6-9 days** to execute this project and **2 sprints** involved in that.-----→

Sprint 1(tasks): Documented flow of the application and prepare a flow chart for better practice. Listed the java concepts like which method, variables, and for listing as collection, and handling the exception. Planned Data Structures which will be suitable for sorting and searching techniques are used. Setted up Git and Github account to store and track my enhancements of project. Made user interactions like adding, deleting, searching, displaying, updating on console.

Sprint 2: Went through Debugging and Coding things to implement the best way to deliver my project req.

-----Flow of Project and Implementation-----

Made a simple java Project in Eclipse Ide as lockedMe.java and pushed to my Github account.

Github: First of all I have made a Github account.

Username: AmanKumarVerma2496

email Id / User-Id(GitHub) : amanv7518@gmail.com

My Github Account Link: <https://github.com/AmanKumarVerma2496>

Phase-2-project link :(LockedMe)Project link:

**[https://github.com/AmanKumarVerma2496/-Phase-2--Project-LockedMe-
/tree/main/LockedMe/src/packagecom/lockedme](https://github.com/AmanKumarVerma2496/-Phase-2--Project-LockedMe-/tree/main/LockedMe/src/packagecom/lockedme)**

I have made repository as phase-2-project in that cloned the repository and Locked Me project push and committed by as making main branch on Github added from Eclipse IDE My full Project with all needed folder.

Project: LockedMe.com

Developer Name: Aman Kumar Verma

Email -ID: amanv7518@gmail.com

IDE : Eclipse IDE

Technology Used: Core Java and its main concept(Conditional Statements, Private Methods, Collections, File Operation Mechanism, Exception Handling, Searching And Sorting Etc...)

Data Structure: Stack and List

Collections: Array List and Linked List concept

Algorithm: Inbuilt Searching and Sorting (Ascending Order).

-----Project Implementation-----

(I) First I made a Path for file operation using static final Keyword.

(II) In Main Method after Making Scanner Object Used Do while conditional Stmt in---Do while I used as Switch for multiple cases as per Project.

(III)Five cases (Methods) I have made like..

a- getAllFiles();

b->CreateFiles();

c->deleteFiles();

d->SearchFiles();

e->System.exit(0);

(f)Then I made a display Menu Method for Show the output of user interaction of project on Welcome screen (a,b,c,d,e) options as per above mentioned.

(g)Then I have made a private searchFiles method. In this try and catch block used for catching Exception if file is already present in the folder/storage.

(h)Next I have made a private deleteFiles method. In this try and catch block used for catching Exception for file is Successfully created than ok otherwise in exception case File does

Not create in the folder/storage.

(i)Then I have made a private CreateFiles method.

In this try and catch block used for catching Exception .In that I have mainly given file Name in try block and how many lines wants to add in files than file writer concept(Inbuilt class),In that File Lines I Have used for contains File Lines and Fw.close method.

(j)In Last I have made a private static getAllFiles method.

In this I used collection(List) concepts ListOfFiles Class. In that file.getName() has been used with For Each loop..

For tracing any exception I have used e.printStackTrace(); method

As per Exception Handling I have put risky codes in my Try block and whatever Exception or failures(run time error) will come it will be caught by catch block.

Than After debugging and Compilation I Got my all Queries output on Console Screen.

Finally I have pushed my project On Github :-----

Link : <https://github.com/AmanKumarVerma2496/-Phase-2--Project-LockedMe-/tree/main/LockedMe/src/packagecom/lockedme>