Project Statement follows that Company Lockers Pvt. Ltd. hired you as a Full Stack Developer. They aim to digitize their products and chose LockedMe.com as their first project to start with. You’re asked to develop a prototype of the application. The prototype of the application will be then presented to the relevant stakeholders for the budget approval. Your manager has set up a meeting where you’re asked to present the following in the next 15 working days (3 weeks):

So Firstly for this Scenario ,We need to make flowchart and algorithms to find the solution of given problem statement. To track the capabilities ,enhancements of stack holders we can use some Techniques that can ensemble the data in a directory

Here we use the File Handling Concept in Java.. As Java is an Platform Independent Language can run code in any operating system like Windows, MacOs, UBNTU etc. .so Lets have a brief on File Handling in Java. Java being one of the most popular programming languages provides extensive support to various functionalities like database, sockets, etc. One such functionality is File Handling in Java. File Handling is necessary to perform various tasks on a file, such as read, write, etc. In this article, I will tell you what are the various file operations in Java.

File handling in Java implies reading from and writing data to a file. The File class from the **java.io package**, allows us to work with different formats of files. In order to use the File class, you need to create an object of the class and specify the filename or directory name.

Creating a Class and importing required Libraries and packages:

At Initial Stage, Import the required packages for file handling, After that create a directory and File folder in your Path. In this Directory create a java project in eclipse workspace. After that create a class in Java Project of Eclipse workspace as Proj01 and start importing all the required file packages for running the project such as File, Exception for Exception Handling, Arrays to store and retrieve the data, Comparator to give the order of the files in a Directory.

Creating a static method for each operation

At this stage create a Static method for each operation such as create a file, remove a file, search for a file, Print them in Ascending order. In each operation of a file follows Arrays Sorting order for an application..

Main Method:

In main method, give the application details such as stated “Virtual Key Repository” and containing the owner details such as name, Designation, Date, etc. Then after giving a conditional statement that stating 3 options as

A:Get file names in ascending order

B:For Business Level Operation

C:Close the Application

After entering the choice and performs the actions accordingly as follows:

If the user choice is 1..it prints the files in directory in ascending order whenever the file and path is correct. If it is Incorrect it cannot print the files..

If the user choice is 2 .It is Business Level Operation following actions such as Adding file, Deleting file, Searching etc. Here in this scenario it is multiple conditions and operations we can use Switch Statements and prints Accordingly

If the user choice is 3…Prints Statement and close the application