**WRITEUP FOR LOCKEDME.COM APP**

1. **Tools Used:-**
   1. Eclipse
   2. Git & Git Hub
   3. Microsoft Word.
2. **Project Specification:-**
   1. Product’s Capabilities:- An app is created by Company Lockers Pvt. Ltd. and the name of the product is **LockedMe.com** . The main function of this app is to retrieve the file, folders from root folder and customer can also perform **CRUD** operation.
   2. Developed By :- **Amit Kumar**
   3. Appearance: - Console Based application.
   4. User Interaction: - User can give inputs from command line.
3. **Sprints Planning:** -
   1. Numbers of Sprints Performed:- 2Nos.
   2. Duration of Sprints:- 1 Week
   3. Motive of the Sprint:-
4. How can we optimize the app?
5. What are the algorithms be used?
6. In what duration of time we can build this app?
7. **Github Account**:-
   1. Link for the Github account is given below:-

<https://github.com/amitk95/simplilearn-projects>

1. **Java Concepts**:-
   1. Encapsulation:- Used **Public** access modifier.
   2. Sorting:- Used **collection sort** with array for retrieving the data.
   3. Searching:- Used **Linear Search.**
   4. Exception Handling :- Used **ParseException, IOException, FileNotFoundException Handling.**
2. **Generic features**:-
   1. Retrieving the file names in an ascending order.
   2. Business-level operations:

* Options to add a user specified file to the application(create and write operation).
* Options to delete a user specified file to the application(delete files).
* Options to search a user specified file to the application(search file).
  1. Navigation option to close the current execution context and return to main context.
  2. Option to close the application.