**Project: Lockers Private Limited (LockedMe.com)**

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| **Developer** | **JJ** |
| **Purpose** | **Project Screenshot** |
| **Date** | **Aug 9, 2021** |
| **Version** | **1.0** |

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**1. Sprint**

* There will be 3 sprints and Member team will be 2.
* Total duration of the project will be of 80 hours i.e. 2 weeks (business days)
  + Adi ( Scrum Master )
  + JJ ( Software engineer )

1. Sprint 1 will cover
   * Creating project flow diagrams i.e. Algorithms, Create GIT Repository, Setting up access to Machine and Installation of required software.
   * Start the application with valid input otherwise error message.
   * User is able to exit the application without any issue.
   * Create prototype of an application in Java. ( 15 % )
   * Update the work in GIT
   * Presentation of finished work to Customer
2. Sprint 2 will cover
   * Create prototype of an application in Java (85 % )
   * User should be able to interact with file system and should be able to perform Add file, Delete file and Navigate to Main menu.
   * User should be able to search the file in dedicated path.
   * Update work in GIT
   * Presentation of finished work to Customer
3. Sprint 3 will cover
   * Final proto type for an application (100 %)
   * Perform Unit test/Integration Test
   * Update work in the GIT repository
   * Present finished work to Customer and final signoff.
   * Pizza Party

**2. Algorithm:**

Start App

Return File

User Interaction

Close the App.

Search File

Add File

Delete File

Navigate to Main

1. **Algorithm description :**
2. Click on the Bat file to start an application
3. User prompted with list of options. Select one of the listed options.
4. If Option
   1. 1 : List out the files
   2. 2: User Interaction e.g. Add file, Delete file, Search file or Go to Main Menu.
   3. 3: exit from the application
5. In User Interaction
   1. 1: Add file option, Enter the name of the file with format that needs to be added. If file already exists, message with “file already exits”. If no existing file with same name and format, it will create new file with a success message. After success message, enter ‘e’ to exit from add file operation or ‘c’ to continue the operation again.
   2. 2: Delete file option, it will ask for file name and format. If file is found, it will delete the file and return success message. If file is not found, it will message out file not found. After message, enter ‘e’ to exit Delete file option, or ‘c’ for continue the operation again.
   3. 3: Search files option, to enter a file name with format. After file name with format is entered. It will search the file in path and return success message if the file found or it will enter file not found. After success message enter ‘e’ to exit from search file option or ‘c’ for continue search operation again.
   4. 4: Navigate to main page.
6. **Technologies Used:**
   1. Java Data Structures.
   2. Java Exception Handling
   3. Java Input/Output operations for Files.
   4. Java Utilities classes like Scanner