**1. Introduction**

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**1. Introduction**

1.1 Purpose: Specification details about LockedMe Project.

1.2 Intended Audience:

* Development Team
* Testing Team

1.3 Scope:

LockedMe is a project under the copyrights of Company Lockers Pvt. Ltd. helps users to store their important documents and certificates safely and securely. User can add, delete and retrieve files at any time based on their convenience.

**2. System Features and Requirements**

 2.1 Functional Requirements

* Code to display the welcome screen. It should display:
  + Application name and the developer details
  + The details of the user interface such as options displaying the user interaction information
  + Features to accept the user input to select one of the options listed
* The first option should return the current file names in ascending order. The root directory can be either empty or contain few files or folders in it
* The second option should return the details of the user interface such as options displaying the following:
  + Add a file to the existing directory list
    - You can ignore the case sensitivity of the file names
  + Delete a user specified file from the existing directory list
    - You can add the case sensitivity on the file name in order to ensure that the right file is deleted from the directory list
    - Return a message if FNF (File not found)
  + Search a user specified file from the main directory
    - You can add the case sensitivity on the file name to retrieve the correct file
    - Display the result upon successful operation
    - Display the result upon unsuccessful operation
  + Option to navigate back to the main context
* There should be a third option to close the application

2.2 System Requirements:

Project Development Methology:

Agile Scrum:

Number of Sprints:3

Sprint Duration: 7 days

Documents Provided: sprintplan.xls

Version Control System & Hosting:

Git: To connect and push files from the local system to GitHub

GitHub: To store the application code and track its versions

Link: [pravallikamutyala/lockers-lockedme](https://github.com/pravallikamutyala/lockers-lockedme)

Integrated Development Environment (IDE):

Eclipse

Platform:

Java SDK 1.8

2.3 Other documents included:

Algorithms and flowcharts of the application