**Background:**

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. The goal of the company is to deliver a high-end quality product as early as possible.

**Problem Statement:**

Develop a prototype of the application.

**Product’s capabilities:**

Generic features and Business-level operations: -

* Retrieving the file names in an ascending order
* Option to add a user specified file to the application
* Option to delete a user specified file from the application
* Option to search a user specified file from the application
* Navigation option to close the current execution context and return to the main context Option to close the application.
* 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

**Product's Appearance and User Interaction:**

 As this is a prototyped application, the user interaction will be via a command line.