* **Product’s capabilities**

Develop and application to list all files in a given application,

Add a new file to application,

Delete a file from the application

Search for a given file in an application

Navigation option to close the current context and return to main context

Option to close the application.

* **Appearance and user Interactions.**
* 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
* Implement the appropriate concepts such as exceptions, collections, and sorting techniques for source code optimization and increased performance