**Algorithm of Application:**

1. Start
2. Display the welcome screen.
3. Display Application name and the developer details
4. Display the user interaction information
5. Display the options available & ask the user to “Enter the choice”.
6. Accept choice/input from the user
7. If the choice is “1” then display all files in the directory.
8. Again Display options available & ask the user to “Enter the choice”.
9. Accept choice/input from the user
10. If the choice is “2” then, ask the user to “Enter the file name” to add in the directory.
11. Accept the file name from the user
12. Check if the file name is already present in the directory.
13. If the same file is not present in the directory, Add the user`s file to the directory
14. Display the path where the file is added.
15. Display message on successful addition of file.
16. Else if the file is already present in the directory, Display the message file is already present.
17. Again display the options available & ask the user to “Enter the choice”
18. Accept choice/input from the user.
19. If the choice is “3” then, ask the user to “Enter the file name” to delete from the directory.
20. Accept the file name from the user.
21. Check if the file name exists in the directory.
22. If the file exists, Delete the file from the directory.
23. Display message on the successful deletion of the file.
24. Else, if the file is not present in the directory, Display the message File Not Found/present.
25. Again Display options available & ask the user to Enter the choice
26. Accept choice/input from the user
27. If the choice is “4” then, ask the user to “Enter the file name” to search in the directory.
28. Accept the file name from the user
29. Search for the file name in the directory.
30. If the same file is not present in the directory, Display the message “file is present.”
31. Display the path of the file.
32. Else, if the file is not present in the directory, Display the message File Not Found/present.
33. Again Display options available & ask the user to Enter the choice
34. Accept choice/input from the user
35. If the choice is other than 1,2,3,4,5. Display message “Invalid Input!”
36. Again Display options available & ask the user to Enter the choice
37. Accept choice/input from the user
38. If the choice is “5” then display the closing message.
39. Close the Application.
40. End