**Project name - Locked me**

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**Application flow**

1. Once user starts the application welcome page display with 3 options listed below

Option1 - Display current directory details

Option2 - Add/Delete/Search operation on current directory.

Option3 - Exit the application

1. Option1 – Will display the current directory details
2. Option2 - Add/Delete/Search operation on current directory. Display below 4 options to users.
   1. Add file to current directory
   2. Delete file to current directory
   3. Search file to current directory
   4. Go back to main menu option

On selection of option a- User will ask to enter the file name once file name entered it will add file to the directory.

On selection of option b- User will ask to enter the file name once file name entered it will delete file to the directory.

On selection of option c- User will ask to enter the file name once file name entered it will search file to the directory.

On selection of option d- User will go back to main menu.

**Flow chart**

Delete the file in current directory and go back to menu

No

Yes

No

If file existsv

Yes

Yes

If file existsv

NO

Add the file in current directory and go back to menu

If file exists

Display the file detail in current directory and go back to menu

*Go back to main menu*

*Go back to main menu*

Option2

Delete file to current directory

Option 4

Go back to main menu

Option2 add/delete/search operation on directory

Option 3

Search file to current directory

Option 1

Add file to current directory

Display current directory details

exit from the application

Option 1

Display current directory details

User login

**Algorithm**

1. Current directory display

If (dir.(exists)){

For ( listfiles ){

* Display the file details.

}

1. Add file to current directory
   1. Enter the file name to add

If (file.(exists)){

Display the message file already exists.

}

Else {

Add the file to current directory

}

1. Delete file from current directory
   1. Enter the file name to add

If (file.(exists)){

Delete the file from current directory.

}

Else {

Display the message file does not exist.

}

1. Search file from current directory
   1. Enter the file name to add

If (file.(exists)){

Display the file details from current directory.

}

Else {

Display the message file does not exist.

}