

## 1- Add User:

```
[mohamed@fayez26 finalBashProject]$ ./adminHelper.sh
Main Menu
1) Add User          4) List Users        7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details 8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group         9) List Groups       12) Change Password
Please select an option: 1
Enter the username to add: fayez10
[sudo] password for mohamed:
Username added successfully
Press Enter to return to the menu...
```

## 2- Modify User:

```
Main Menu
1) Add User          4) List Users        7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details 8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group         9) List Groups       12) Change Password
Please select an option: 2
Enter the current username to modify: fayez10
Enter the new username: fayez1000
Username modified successfully
Do you want to rename the user's home directory? (y/n): y
Home directory renamed successfully
Press Enter to return to the menu...
```

## 3- Delete User:

```
Main Menu
1) Add User          4) List Users        7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details 8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group         9) List Groups       12) Change Password
Please select an option: 3
Enter the username to delete: doma
User deleted successfully
Press Enter to return to the menu...
```

## 4- List Users:

```
Main Menu
1) Add User          4) List Users        7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details 8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group         9) List Groups       12) Change Password
Please select an option: 4
root
bin
daemon
adm
lp
sync
shutdown
halt
mail
operator
games
ftp
```

## 5- List User Details:

```

Main Menu
1) Add User          4) List Users       7) Modify Group     10) Disable User    13) About
2) Modify User       5) List User Details 8) Delete Group     11) Enable User     14) Exit
3) Delete User       6) Add Group        9) List Groups      12) Change Password

Please select an option: 5
Enter the username to view details: fayez1000
Login: fayez1000
Name:
Directory: /home/fayez1000
Shell: /bin/bash

wtmp begins Sun Jun 23 18:57:43 2024
[sudo] password for mohamed:
Last password change          : Aug 13, 2024
Password expires              : Sep 02, 2024
Password inactive             : never
Account expires               : never
Minimum number of days between password change : 0
Maximum number of days between password change : 20
Number of days of warning before password expires : 7
Press Enter to return to the menu...

```

## 6- Add Group:

```

Main Menu
1) Add User          4) List Users       7) Modify Group     10) Disable User    13) About
2) Modify User       5) List User Details 8) Delete Group     11) Enable User     14) Exit
3) Delete User       6) Add Group        9) List Groups      12) Change Password

Please select an option: 6
Enter the group name to add: engineering
Group added successfully
Press Enter to return to the menu...

```

## 7- Modify Group:

```

Main Menu
1) Add User          4) List Users       7) Modify Group     10) Disable User    13) About
2) Modify User       5) List User Details 8) Delete Group     11) Enable User     14) Exit
3) Delete User       6) Add Group        9) List Groups      12) Change Password

Please select an option: 7
Enter the current group name to modify: engineering
Enter the new group name: engineering1000
Group modified successfully
Press Enter to return to the menu...

```

## 8- Delete Group:

```

Main Menu
1) Add User          4) List Users       7) Modify Group     10) Disable User    13) About
2) Modify User       5) List User Details 8) Delete Group     11) Enable User     14) Exit
3) Delete User       6) Add Group        9) List Groups      12) Change Password

Please select an option: 8
Enter the group name to delete: engineering1000
Group Deleted successfully
Press Enter to return to the menu...

```

## 9- List Groups:

```

Main Menu
1) Add User          4) List Users        7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details  8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group         9) List Groups       12) Change Password
Please select an option: 9
root
bin
daemon
sys
adm
tty
disk
lp
mem
kmem
wheel
cdrom
mail
man
dialout
floppy
games
tape

```

## 10-Disable User:

```

Main Menu
1) Add User          4) List Users        7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details  8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group         9) List Groups       12) Change Password
Please select an option: 10
Enter the username to disable: indiana
Locking password for user indiana.
passwd: Success
User disabled successfully
Press Enter to return to the menu...

```

```

[mohamed@fayez26 finalBashProject]$ su - indiana
Password:
su: Authentication failure
[mohamed@fayez26 finalBashProject]$

```

## 11-Enable User:

```

Main Menu
1) Add User          4) List Users        7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details  8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group         9) List Groups       12) Change Password
Please select an option: 11
Enter the username to enable: indiana
Unlocking password for user indiana.
passwd: Success
User enabled successfully
Press Enter to return to the menu...

```

```

Main Menu
1) Add User          4) List Users        7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details  8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group         9) List Groups       12) Change Password
Please select an option: ^C
[mohamed@fayez26 finalBashProject]$ su - indiana
Password:
[indiana@fayez26 ~]$

```

## 12-Change Password:

```
Main Menu
1) Add User          4) List Users          7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details    8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group           9) List Groups       12) Change Password

Please select an option: 12
Enter the username to change password: indiana
Changing password for user indiana.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
Password changed successfully
Press Enter to return to the menu...
```

```
[mohamed@fayez26 finalBashProject]$ su - indiana
Password:
[indiana@fayez26 ~]$
```

## 13-About:

```
Main Menu
1) Add User          4) List Users          7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details    8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group           9) List Groups       12) Change Password

Please select an option: 13
This is an Admin Helper program written in Bash Created by Mohamed Fayez.
Press Enter to return to the menu...
```

## 14-Exit:

```
Main Menu
1) Add User          4) List Users          7) Modify Group      10) Disable User     13) About
2) Modify User       5) List User Details    8) Delete Group      11) Enable User      14) Exit
3) Delete User       6) Add Group           9) List Groups       12) Change Password

Please select an option: 14
Exiting...
```