

1- Add User:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) detail user       9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 1
Enter username to add: ABKAREEM77
User 'ABKAREEM77' added successfully.
Please select an option: 5
Listing all users:
```

2- Modify User:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) detail user       9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 2
Enter username to modify: ABKAREEM77
Enter username to newuser: KIMO
User 'ABKAREEM77' modified successfully.
```

3- Delete User:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) detail user       9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 3
Enter username to delete: KIMO
User 'KIMO' deleted successfully.
```

4- Details Users:

```
[root@abkareem26 ~]# nano project_bash
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 4
Enter username to list details: abkareem
Details for user abkareem:
uid=3004(abkareem) gid=3004(abkareem) groups=3004(abkareem)
Last password change           : Aug 10, 2024
Password expires               : Aug 30, 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
```

5- List User:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 5
Listing all users:
root
bin
daemon
adm
lp
```

6- Add Group:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 6
Enter group name to add: realmadrid
Group 'realmadrid' added successfully.
```

7- Modify Group:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 7
Enter group name to modify: realmadrid
Enter group name to newgroup:halamadrid
Group 'realmadrid' modified successfully.
```

8- Delete Group:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 8
Enter group name to delete: halamadrid
Group 'halamadrid' deleted successfully.
Please select an option: █
```

9- List Groups:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 9
Listing all groups:
root
bin
daemon
sys
adm
tty
disk
```

10-Disable User:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 10
Enter username to disable: abkareem
User 'abkareem' disabled (locked) successfully.
```

11-Enable User:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 11
Enter username to enable: abkareem
usermod: unlocking the user's password would result in a passwordless account.
You should set a password with usermod -p to unlock this user's password.
User 'abkareem' enabled (unlocked) successfully.
```

12-List Password:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 12
Listing all password:
root:$6$p00GJfsZ/Ew/T0mD$pdZEYfACmXDA8ZzbeBTRhsjokM3pQIycujuMNSbIm3zKDL09c.Fj1
g5zcXKVqpGxJZUns9Z1J0E4HPcni3.:
bin:*:18849
daemon:*:18849
adm:*:18849
lp:*:18849
sync:*:18849
shutdown:*:18849
```

13-Change Password:

```
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 13
Enter username to change password: abkareem
Changing password for user abkareem.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
Password changed for user 'abkareem'.
Please select an option: 
```

14-About:

```
[root@abkareem26 ~]# nano project_bash
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 14
This project was created by Abdelkareem Mohamed
```

15- Exit:

```
[root@abkareem26 ~]# nano project_bash
[root@abkareem26 ~]# ./project_bash
1) Add User          6) Add Group          11) Enable User
2) Modify User       7) Modify Group       12) list password
3) Delete User       8) Delete Group       13) Change Password
4) details user      9) List Groups        14) About
5) List Users        10) Disable User      15) Exit
Please select an option: 15
Exit
```