

User Manager

1. Add User:

```
***** Manager Menu: *****
1. Add User
2. Modify User
3. Delete User
4. List Users
5. Add Group
6. Modify Group
7. Delete Group
8. List Groups
9. Disable User
10. Enable User
11. Change Password
12. About
13. Exit
Enter your choice : 1
Enter username to add : user1
user user1 added successfully.
```

```
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13. Exit
Enter your choice : 1
Enter username to add :
Error : useradd: invalid user name '': use --badname to ignore
```

2. Modify User:

```
***** Manager Menu: *****
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12. About
13. Exit
Enter your choice : 2
Enter username to modify : user1
Enter new username : new
user1 updated to new successfully.
```

If user doesn't exist:

```
Enter your choice : 2
Enter username to modify : userr
Enter new username : newuser
Error : usermod: user 'userr' does not exist
```

3. Delete User:

```
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6. Modify Group
7. Delete Group
8. List Groups
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11. Change Password
12. About
13. Exit
Enter your choice : 3
Enter username to delete : user1
user user1 deleted successfully.
```

If user doesn't exist:

```
Enter your choice : 3
Enter username to delete : user1
Error : userdel: user 'user1' does not exist
```

4. List Users:

```
***** Manager Menu: *****
```

1. Add User
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```
Enter your choice : 4
```

```
Users :
```

```
root
```

```
bin
```

```
daemon
```

5. Add Group:

```
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7. Delete Group
8. List Groups
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11. Change Password
12. About
13. Exit
Enter your choice : 5
Enter group name to add : group1
group group1 added successfully.
```

6. Modify Group:

```
Enter your choice : 6
Enter name of group to modify : group1
Enter new name : newgroup
group1 updated to newgroup successfully.
```

If group doesn't exist:

```
Enter your choice : 6
Enter name of group to modify : groupp
Enter new name : newgroupp
Error : groupmod: group 'groupp' does not exist
```

7. Delete Group:

```
Enter your choice : 7
Enter group name to delete : newgroup
group newgroup deleted successfully.
```

```
Enter your choice : 7
Enter group name to delete : groupp
Error : groupdel: group 'groupp' does not exist
```

8. List Groups:

```
Enter your choice : 8
Groups :
root
bin
```

9. Disable User:

```
Enter your choice : 9
Enter username to disable : user2
user user2 account disabled successfully.
```

```
Enter your choice : 9
Enter username to disable : user1
Error : usermod: user 'user1' does not exist
```

10. Enable User:

```
Enter your choice : 10
Enter username to enable : user2
user user2 account enabled successfully.
```

```
Enter your choice : 10
Enter username to enable : user1
Error : usermod: user 'user1' does not exist
```

11. Change Password:

```
Enter your choice : 11
Enter username to change its password : user2
Enter new password : new123p
user2's password updated successfully.
```

If user doesn't exist:

```
Enter your choice : 11
Enter username to change its password : user1
Enter new password : 123
Error : chpasswd: line 1: user 'user1' does not exist
chpasswd: error detected, changes ignored
```

12. About:

```
Enter your choice : 12

Linux User & Group Manager v1.
```

13. Exit:

```
Enter your choice : 13
Exiting Manager!
```

14. Run with sudo:

```
[batoul@ITI-CU python_project]$ ./user_manager.py
Please run this script with sudo.
```

15. invalid input:

```
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```

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8. List Groups
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9. Disable User
```

```
10. Enable User
```

```
11. Change Password
```

```
12. About
```

```
13. Exit
```

```
Enter your choice : add
```

```
Invalid input. Please enter a number.
```