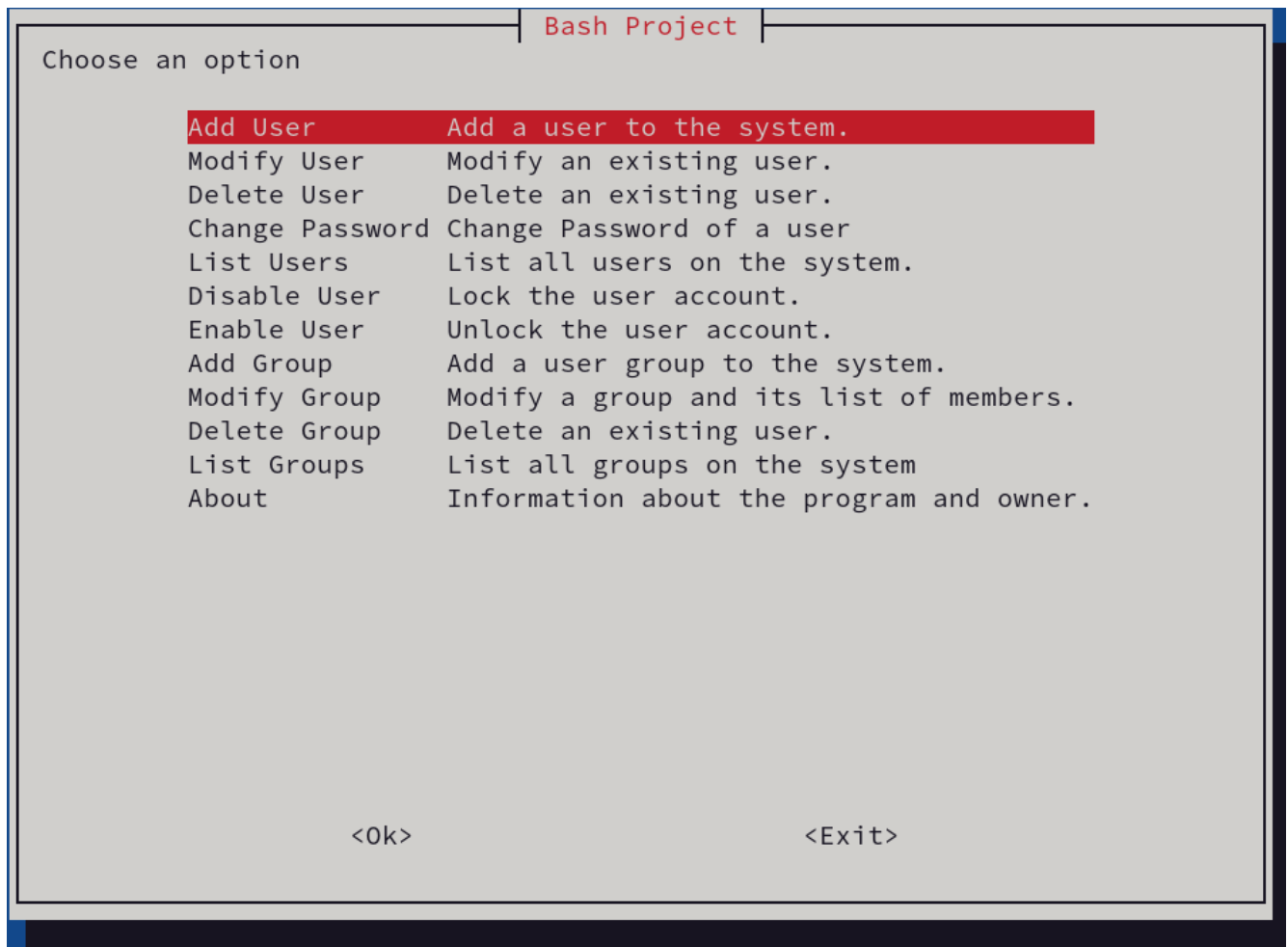


## Final Bash Project

### ➤ Description

It is a collection of Bash scripts designed to simplify system administration tasks via a user-friendly graphical interface. The suite utilizes **whiptail** to create dialog boxes for various user and group management operations, providing an intuitive way to manage users and groups on a Unix-like system.



### ➤ Features: -

- **User Management**
  - Add, modify, delete, list, enable, and disable users
  - Change user passwords
  - Manage user comments and group memberships
- **Group Management**
  - Add, modify, delete, and list groups
  - Manage group memberships
  - Change group IDs (GIDs)

# User Management

## 1- Add User

Add User

Enter the username:

ziad

<Ok> <Exit>

Add User

User ziad already exists.

<Ok>

Add User

Enter the username:

ali

<Ok> <Exit>

Add User

Enter the password:

\*\*\*\*\*

<Ok> <Exit>

Add User

User ali was added successfully.

<Ok>

## 2- Modify User

Select an option:

- ☒ 1 Change username
- ☐ 2 Change UID
- ☐ 3 Change password
- ☐ 4 Change home directory
- ☐ 5 Groups
- ☐ 6 Add Comment
- ☐ 7 Delete User
- ☐ 8 Exit

<Ok> <Exit>

Modify User

Enter username:

ali

<Ok> <Exit>

### 3- Delete User

Delete User

Enter the username to delete:

<Ok><Exit>

Select an option:

(\*) 1 Delete User Only

( ) 2 Delete User and Home Directory

( ) 3 Cancel

<Ok><Exit>

### 4- Change Password

Change Password

Enter username:

<Ok><Exit>

### 5- List Users

List of Users

UID 986:sssd

UID 985:setroubleshoot

UID 984:pipewire

UID 983:flatpak

UID 982:clevis

UID 42:gdm

UID 981:gnome-initial-setup

UID 74:sshd

UID 980:chrony

UID 979:dnsmasq

UID 72:tcpdump

UID 1000:ziad

UID 1002:Mazen

UID 1003:ali

<Ok>

## 6- Disable User

Disable User Account

Enter the username:

ziad

<Ok> <Exit>

Disable User Account

Account for user ziad has been disabled.  
Account status: LK

<Ok>

## 7- Enable User

Enable User Account

Enter the username:

ziad

<Ok> <Exit>

Enable User Account

Account for user ziad has been enabled.  
Account status: PS

<Ok>

## Group Management

### 8- Add Group

Add Group

Enter the group name:

<Ok><Exit>

### 9- Modify Group

Modify Group

Enter the group name:

ali

<Ok><Exit>

Modify Group

Select an option:

(\*) 1 Change group name

( ) 2 Add user to group

( ) 3 Remove user from group

( ) 4 Delete group

( ) 5 Change GID

( ) 6 Exit

<Ok><Exit>

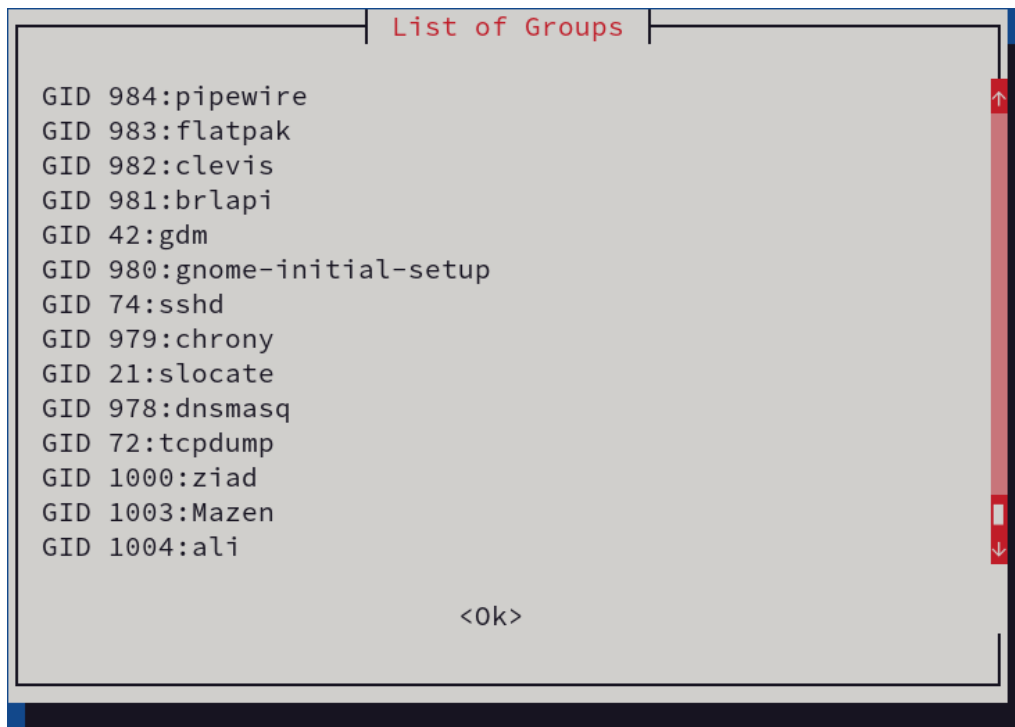
### 10- Delete Group

Delete Group

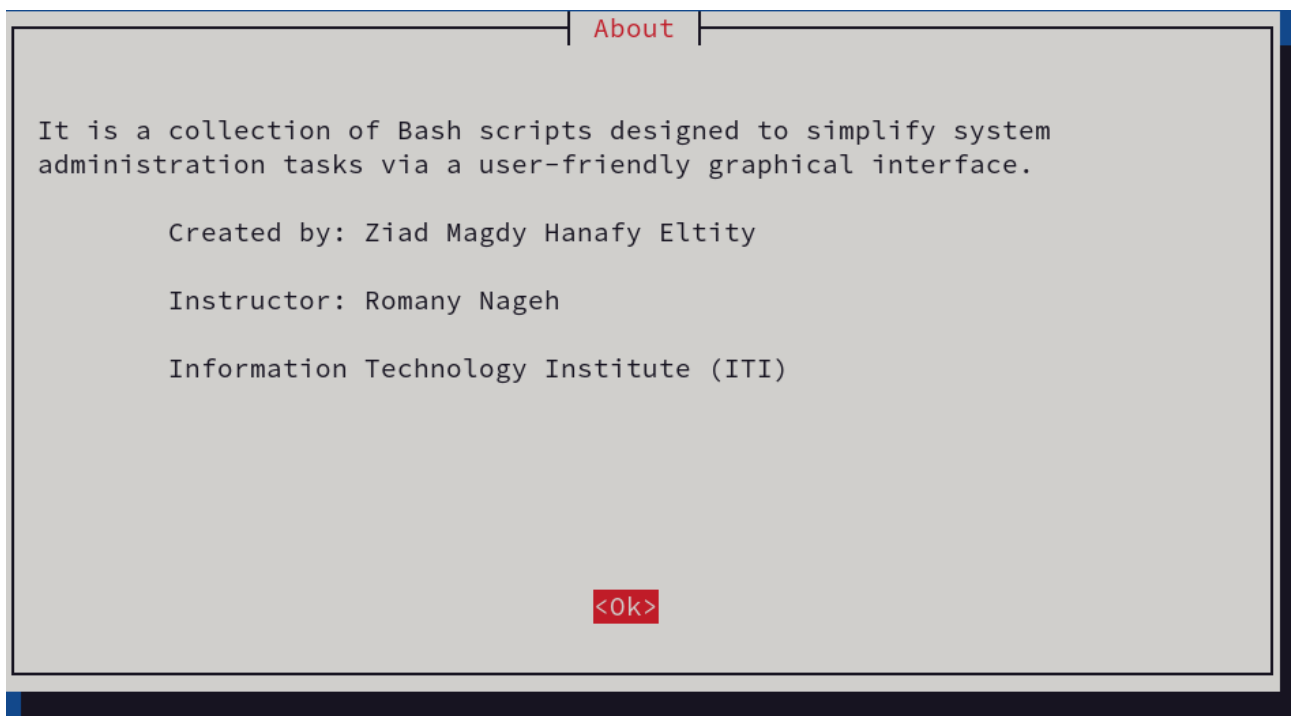
Enter the group name:

<Ok><Exit>

## 11- List Groups



## 12- About



>>> **GitHub:** <https://github.com/ZiadEltity/Linux-Administration-Bash-Project.git>