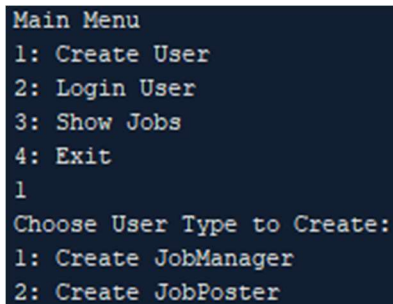## How to use the main menu:

Welcome to our Job Management System.

The main menu has 4 options.

1. Create User
2. Login User
3. Show Jobs
4. Exit

Option 1: Create User – This will allow a user to create an account Job Manager or Job Poster through navigation.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
1
Choose User Type to Create:
1: Create JobManager
2: Create JobPoster
```

Option 2: Login User – Will navigate to an area where you choose what type of user is logging in. The database contains information regarding the user created by option 1 and will be used to login to option 2. This will open functionality to class specific duties.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
1
Choose User Type to Create:
1: Create JobManager
2: Create JobPoster
2
Enter your email: 2
Enter your password: 2
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
2
Enter your email: 2
Enter your password: 2
Job Poster LOGGED IN!
Job Poster Menu:
1. Create Job
2. See All Posted Jobs
3. Delete a Posted Job
4. Update a Posted Job
5. Return to Login Screen.
```

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
1
Choose User Type to Create:
1: Create JobManager
2: Create JobPoster
1
Enter your email: 1
Enter your password: 1
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
2
Enter your email: 1
1
Enter your password: Job Manager LOGGED IN!
Job Manager Menu:
1. Approve/Reject Pending Job
2: Show all Users
3. Return to Login Screen.
```

Option 3: Show Jobs – This will allow non-registered users to obtain information regarding the jobs posted by Job posters after being approved by the Job Manager so that nothing inappropriate is allowed.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
3
Current Job Postings:
----------------------------------------
Position: 1
Description: 1
Salary: 1
Contact Person: 1
Contact Email: 1
Contact Phone: 1
----------------------------------------
```

Option 4: Exit – This will terminate the program at point of execution.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
4
----------------------------------------------------
BUILD SUCCESS
----------------------------------------------------
Total time:  02:43 min
Finished at: 2023-11-12T21:54:57-07:00
----------------------------------------------------
```

HOW TO USE CREATE USER, LOGIN USER, SHOW JOBS.

Using the create user you can choose what kind of user to create. We have two different types of users with very distinct types of roles. The Job Manager will be a administrator of sorts filtering out inappropriate jobs, while our Job Poster will post jobs for application with contact information for the user to reach out. I'll show a brief demonstration below of creating each account.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
1
Choose User Type to Create:
1: Create JobManager
2: Create JobPoster
1
Enter your email: example@example.com
Enter your password: password
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
1
Choose User Type to Create:
1: Create JobManager
2: Create JobPoster
2
Enter your email: seeker@example.com
Enter your password: password2
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
```

For the Login user this is where our program gets far more intricate. Once you hit number 2 you will be prompted to login using the chosen type of user created before in #1.

Let's first discuss the Job Poster once logged in as a job Poster you will be greeted with a menu as shown below.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
2
Enter your email: seeker@example.com
Enter your password: password2
Job Poster LOGGED IN!
Job Poster Menu:
1. Create Job
2. See All Posted Jobs
3. Delete a Posted Job
4. Update a Posted Job
5. Return to Login Screen.
```

From this menu let's discuss each option

#1 Create Job

```
Job Poster Menu:
1. Create Job
2. See All Posted Jobs
3. Delete a Posted Job
4. Update a Posted Job
5. Return to Login Screen.
1
Enter job position: Example Job
Enter job description: Example
Enter job salary: 50000
Enter contact person: Educardo
Enter contact email: generic.professor@enmu.edu
Enter contact phone: 505-384-2942
JobID for the posted job: 890400
Job created successfully.
Job Poster Menu:
1. Create Job
2. See All Posted Jobs
3. Delete a Posted Job
4. Update a Posted Job
5. Return to Login Screen.
```

When the job is created it will automatically be assigned a randomized JobID that will be used to manipulate the job during task relating to the job. It will prompt for information regarding a contact person, email, and phone as well as salary for this position.

#2 See All Posted Jobs

Once select option 2 after creating a job you will see all posted jobs. You can see jobs regardless of if they've been approved or not yet in this class of login since you are the poster.

```
Job Poster Menu:
1. Create Job
2. See All Posted Jobs
3. Delete a Posted Job
4. Update a Posted Job
5. Return to Login Screen.
2
Job ID: 890400
Position: Example Job
Description: Example
Salary: 50000
Contact Person: Educardo
Contact Email: generic.professor@enmu.edu
Contact Phone: 505-384-2942
```

#3 Delete a Posted Job

Once selecting option 3 It will await input on what JobID you would like to delete.

This will clear it from both pending and posted jobs array so that it doesn't interfere with our Job Manager later if no longer relavent

```
Job Poster Menu:
1. Create Job
2. See All Posted Jobs
3. Delete a Posted Job
4. Update a Posted Job
5. Return to Login Screen.
3
890400
Job with ID 890400 has been deleted from posted jobs.
Job with ID 890400 has been deleted from pending jobs.
```

#4 Update a Posted Job

Now as we can see option 4 gives us the ability to update a posted job. This will return the job into the Job Manager pending even if it has already been approved as to avoid loopholes of misconduct. It will first ask for the JobID to update then prompt for re-entry of all relevant fields.

```
Enter job position: Example
Enter job description: Example
Enter job salary: Example
Enter contact person: Example
Enter contact email: Example
Enter contact phone: Example
JobID for the posted job: 56467173
Job created successfully.
Job Poster Menu:
1. Create Job
2. See All Posted Jobs
3. Delete a Posted Job
4. Update a Posted Job
5. Return to Login Screen.
4
Enter the JobID of the job you want to update: 56467173
Enter new position:
Example Job
Enter new description:
Example Job
Enter new salary:
50000
Enter new contact person:
Educardo
Enter new contact email:
generic.professor@enmu.edu
Enter new contact phone:
505-349-2893
Job with ID 56467173 has been updated.
Job Poster Menu:
1. Create Job
2. See All Posted Jobs
3. Delete a Posted Job
4. Update a Posted Job
5. Return to Login Screen.
```

#5 Return to Login Screen

This will return us to the main menu allowing us to either choose to login again or use other functionality.

Now let's discuss Job Manager

Regardless of where you sign in if you input incorrect credentials you will be denied watch as I first attempt a wrong email and password then login properly to a Job Manager account.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
2
Enter your email: 1
Enter your password: 1
Invalid credentials. Login failed.
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
2
Enter your email: example@example.com
Enter your password: password
Job Manager LOGGED IN!
Job Manager Menu:
1. Approve/Reject Pending Job
2: Show all Users
3. Return to Login Screen.
```

As you can see Job Managers have 3 choices let's discuss each.

#1

Upon clicking #1 we will see the pending job we created earlier as a Job Poster we can just to Approve (A) or Reject (R).

```
Job Manager Menu:
1. Approve/Reject Pending Job
2: Show all Users
3. Return to Login Screen.
1
Job ID: 56467173
Position: Example Job
Description :Example Job
Salary  :50000
Contact Person :Educardo
Contact Email :generic.professor@enmu.edu
Contact Phone :505-349-2893
Pending Jobs for Approval/Rejection:
Approve (A) or Reject (R) job:
```

Upon choosing to approve it will be added to the main array where all users can see the job while if refused it will be removed from the array and discarded.

#2 Show all Users

Job Manager is a administrative title this allows the user to see all users within the system at a single click. As demonstrated below. The users passwords are hidden as that could be abused otherwise.

```
Job Manager Menu:
1. Approve/Reject Pending Job
2: Show all Users
3. Return to Login Screen.
2
Contents of the user list:
-----------------------------------------
User's email:example@example.com
Is User Logged In: true
What type of user: Job_Manager
-----------------------------------------
-----------------------------------------
User's email:seeker@example.com
Is User Logged In: false
What type of user: Job_Poster
-----------------------------------------
```

#3 Return to Login Screen.

This will return us to the main menu allowing us to either choose to login again or use other functionality.

```
Job Manager Menu:
1. Approve/Reject Pending Job
2: Show all Users
3. Return to Login Screen.
3
Back to main menu.
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
|
```

Option 3 of our main menu Show Jobs will show jobs approved by a JobManager.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
3
Current Job Postings:
----------------------------------------

Position: Example Job
Description: Example Job
Salary: 50000
Contact Person: Educardo
Contact Email: generic.professor@enmu.edu
Contact Phone: 505-349-2893
----------------------------------------
```

Lastly Option 4 Exit will exit out of the program as demonstrated below.

```
Main Menu
1: Create User
2: Login User
3: Show Jobs
4: Exit
4
------------------------------------------------
BUILD SUCCESS
------------------------------------------------
Total time:  20:18 min
Finished at: 2023-11-12T22:17:26-07:00
------------------------------------------------
```

Please enjoy the use of our Job Management system and have a great time! Please reach out with any questions or concerns.