OJSS user guide

OJSS is online job seeking systems. It is used by job seekers to search and apply job, and job recruiters to advertise job and invite job seekers.

How to run and login to the OJSS

To run the project, simply created new MainController, and call start function. The start menu would displayed as:

```
Welcome to Online Job Seeking System
Would you like to login as:
1. JobSeeker
2. JobRecruiter
3. Register - If you are not an existing user create an account
4. Exit
```

If the user login with wrong account information, system will give wrong message and display the start menu again as following until user login successfully.

```
are credentials correct: false
Welcome to Online Job Seeking System
Would you like to login as:
1. JobSeeker
2. JobRecruiter
3. Register - If you are not an existing user create an account
4. Exit
```

To test the system, we have set default user(username/password): recruiter1/recruiter1,seeker1/seeker1.

Register

Input 3 at start menu allow user to create new account.

System will display `Enter the user name. User name should be unique` and `Enter the password` allow you to enter your username and password.

However, username is unique identifier in our system, username could not be registered is the username is used before. However different user with same name could use different username.

After enter the password, system would ask you what kind of account you would like to created:

```
1. Register as Job Seeker
2. Register as Job Recruiter
```

Following is the register form for job seeker, users able to enter the information under the instruction one by one. System only accept three skills so far.

```
Please enter your name: seeker1
Please enter your phone number: 123456789
Please enter your email address: 123@monash.edu
Please enter your date of birth (dd-mm-yyyy):
24-5-2018
Please enter your first skill: java
Please enter your second skill: sql
Please enter your third skill: python
Please enter your experience: 5 years
Please enter your education: master of IT
New job seeker has been created!
```

Following is the register form for job recruiter,which is similar to the job seeker above.

```
Please enter your name: recruiter1
Please enter your phone number: 123456789
Please enter your email address: 123@monash.edu
Please enter your date of birth (dd-mm-yyyy):
24-5-2018
Please enter your company name: monash
New recruiter has been created!
```

Once you have created account, you are able to login in to system.

Job Seeker

By choosing 1 at start menu, system will require you to enter user name and password. Once system validate your account, system would display the main menu for job seeker.

```
are credentials correct: true


_____Main Menu_____
1. Modify account
2. Search job
3. View applied jobs
4. View invitation
5. Modify skillsets
6. Logout
```

You are able to choose different function list.

1. Modify account

This function able user to modify account information. System will display form again,and user have to re-enter all the information.

```
Please enter your name: jobseeker1
Please enter your phone number: 123456789
Please enter your email address: 123@test.com
Please enter your date of birth (dd-mm-yyyy):
11-11-1111
Please enter your first skill: sleep
Please enter your second skill: eat
Please enter your third skill: java
Please enter your experience: 0
Please enter your education: master
Changes have been saved!!


_____Main Menu_____
1. Modify account
2. Search job
3. View applied jobs
4. View invitation
5. Modify skillsets
6. Logout
```

Acknowledgement and main menu will be displayed once finished.

2. Search job

By choosing search job, system will display:

```
Enter keywords to be searched seperated by commas in a single line
```

If you the keywords you searched does not match anything, the system would show no results found.

```
no results found
Enter 1 to get job details
Enter 2 to go back
```

Otherwise, system will display the search result:

```
-------------------Search Result-----------------------------
java

Enter 1 to get job details
Enter 2 to go back
```

User could enter 1 to view job details,

```
job name: java
description: java development
company: monash
location: clayton
salary: 5000
compensation level: 1000
is advertised: true
expiry date: 11-11-2018
category: it
skill: java;sql;;
created by: recruiter1
Enter the jobName to apply for
```

And user could input the job name to apply it.

3. View applied jobs

This function would list all the jobs that job seeker has applied for.

```
------------The list of applied jobs are-----------------
You have applied for the job: java
```

4. View invitation

5. Modify skillsets

System allow job seeker modify skills without modify whole account.

```
Please enter your first skill: java
Please enter your second skill: sql
Please enter your third skill: python
Skills have been changed!!

_____Main Menu_____
1. Modify account
2. Search job
3. View applied jobs
4. View invitation
5. Modify skillsets
6. Logout
```

6. Logout

Data would be saved to file and system will quit.

Job Recruiter

By choosing 2 at start menu, system will require you to enter user name and password.
Once system validate your account, system would display the main menu for job recruiter.

```
_____Main Menu_____
1. View jobs created
2. Modify account
3. Create job
4. Match a job seeker
5. Send inviatation
6. Modify job skillsets
7. Logout
```

In our system, job name is the unique identifier for job.

1. View job created

This function enable job seeker to view the list he created, and choose a particular job to advertise.

```
Do you want to see the existing job list? (Enter y to see it)
```

Enter y conform to display list.

```
The existing jobs are:
java

Enter 1 to advertise job
Enter 2 to go back
```

Then you are able to modify advertising status of existing job by enter 1.

System would require you to conform show list and enter the unique name of job.

The job list with advertisement status would be display.

You are able to enter 1 to advertise or enter 2 to make it inactive.

```
Please enter the job name which you want to change the advertisement status:
java
The following job has been found.
job name: java
description: java development
company: monash
location: clayton
salary: 5000
compensation level: 1000
is advertised: false
expiry date: 11-11-2018
category: it
skill: java;sql;;
created by: recruiter1

What would you like to do for advertisement?
Please press 1 to make it active, 2 to make it inactive or enter to exit:
1
java advertisement has been made active.
```

You can press enter to go back to main menu.

2. Modify account

Similar to modify account in job seeker, system will display form again and require user to enter all the information again. And main menu will be displayed automatically after modification are made.

```
Please enter your name: test
Please enter your phone number: 123
Please enter your email address: 123@123.com
Please enter your date of birth (dd-mm-yyyy):
11-11-1111
Please enter your company name: 11
Changes have been saved!!

_____Main Menu_____
1. View jobs created
2. Modify account
3. Create job
4. Match a job seeker
5. Send inviatation
6. Modify job skillsets
7. Logout
```

3. Create job

Form would be display and require user to enter all the information. If you enter empty in skill 2 or 3, it would recognize as no more skill is needed.

```
Please enter a job name: sql
Please enter a description: sql1
Please enter a company: monash
Please enter a location: caulfiled
Please enter a salary: 10
Please enter a compensation level: 1
Enter date and time in the format dd-MM-yyyy
For example, it is now 24-05-2018
30-5-2018
Please enter a category: sql
Skill set :
You need to enter at least 1 and up to 3 skill names.
Blank string in skill 2 or 3 means that there is no skill after that field.
Please enter skill 1 : sql
Please enter skill 2 :
sql has been created.


_____Main Menu_____
1. View jobs created
2. Modify account
3. Create job
4. Match a job seeker
5. Send inviatation
6. Modify job skillsets
7. Logout
```

4. Match a job seeker

In this function, job seeker could choose one job match with one seeker's name to check how many skill are same. The seeker's name could be seen form

```
Please enter the job title:
java
Please enter the job seeker user name:
seeker1
The compare result is: 2
```

5. Sent invitation

Enter the username +","+jobname to send invitations.

```
Enter the jobName
seeker1,java
Enter the user names seperated by , to send invitations
Invitation has been sent successfully to  for the job seeker1,java


_____Main Menu_____
1. View jobs created
2. Modify account
3. Create job
4. Match a job seeker
5. Send inviatation
6. Modify job skillsets
7. Logout
```

6. Modify job skillsets

System require to conform show list first.

```
Do you want to see the existing job list? (Enter y to see it)
y

The existing jobs are:
java
sql
```

After all job are listed, user are able to choose one to modify by type in the job name.
System would show all the job information and let user modify the skill set.

```
Please enter the job name which you want to modify:
sql
The following job has been found.
job name: sql
description: sql1
company: monash
location: caulfiled
salary: 10
compensation level: 1
is advertised: false
expiry date: 30-05-2018
category: sql
skill: sql;;;
created by: recruiter1

Would you like to edit skills for it? (Enter y to edit it)
y
Skill set :
You need to enter at least 1 and up to 3 skill names.
Blank string in skill 2 or 3 means that there is no skill after that field.
Please enter skill 1 : sql
Please enter skill 2 : java
Please enter skill 3 :

sql skills have been edited.
```

7. Logout
Data would be saved to file and system will quit.