



LARGE-SCALE AND MULTI-STRUCTURED DATABASES

JOB ADVISOR USER MANUAL

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HOW TO LAUNCH THE APPLICATION

1. The computer on which to launch the application should reside in or be connected through VPN to the UNIPi internal network to allow the connection to the databases used by the application.
2. The Graphical user interface (GUI) of the application can be launched from the “App” class defined in the “Job-Advisor\src\main\java\it.unipi.dii.lsdb.group13\App.java” file.
3. Once the GUI appears on the screen, the functionalities of the application can be used by either signing up or logging in with the following credentials:

Role of User	Username	Password
Admin	admin	admin
Job Seeker	jewolters	e2a#nTndxGC
Employer	MobiTV	c-K!6{T

APPLICATION GUI GUIDE

LOGIN PAGE

To log in as admin, the user does not have to choose his role in the choicebox.

Who are you? ▾

Job seeker

Employer

Insert your credentials:

Username:

Password:

Sign In

Or if you are not yet registered ...

Are you a job seeker?

Sign Up

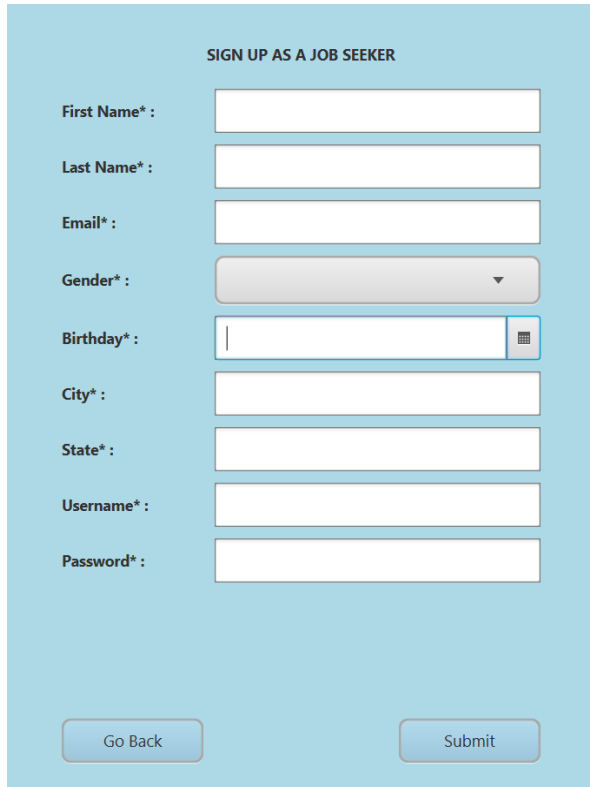
Are you an employer?

Sign Up

Figure 1: Log in Page

SIGN UP PAGES

In Job-Advisor, the users can either sign up as a job seeker or as an employer:



SIGN UP AS A JOB SEEKER

First Name* :

Last Name* :

Email* :

Gender* :

Birthday* :

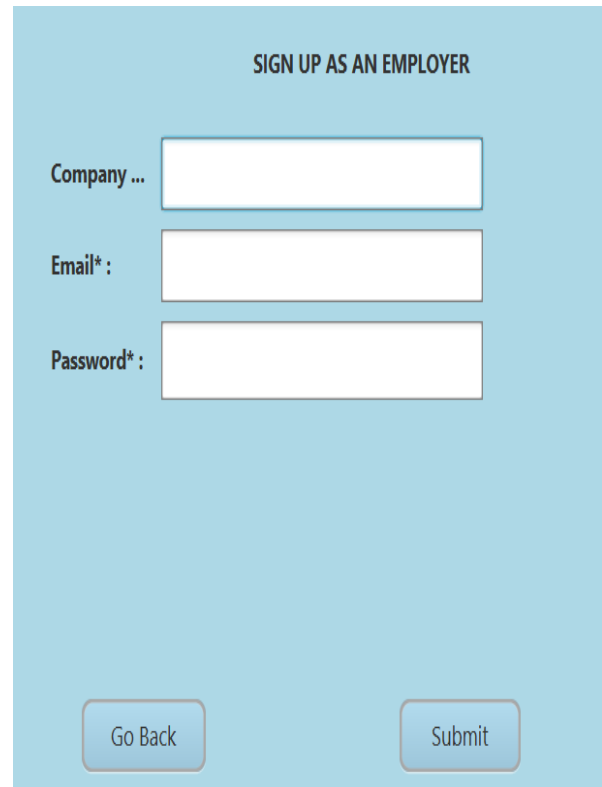
City* :

State* :

Username* :

Password* :

Figure 3: Sign up as a Job Seeker Page



SIGN UP AS AN EMPLOYER

Company...

Email* :

Password* :

Figure 2: Sign up as an Employer Page

JOB SEEKER HOME PAGE

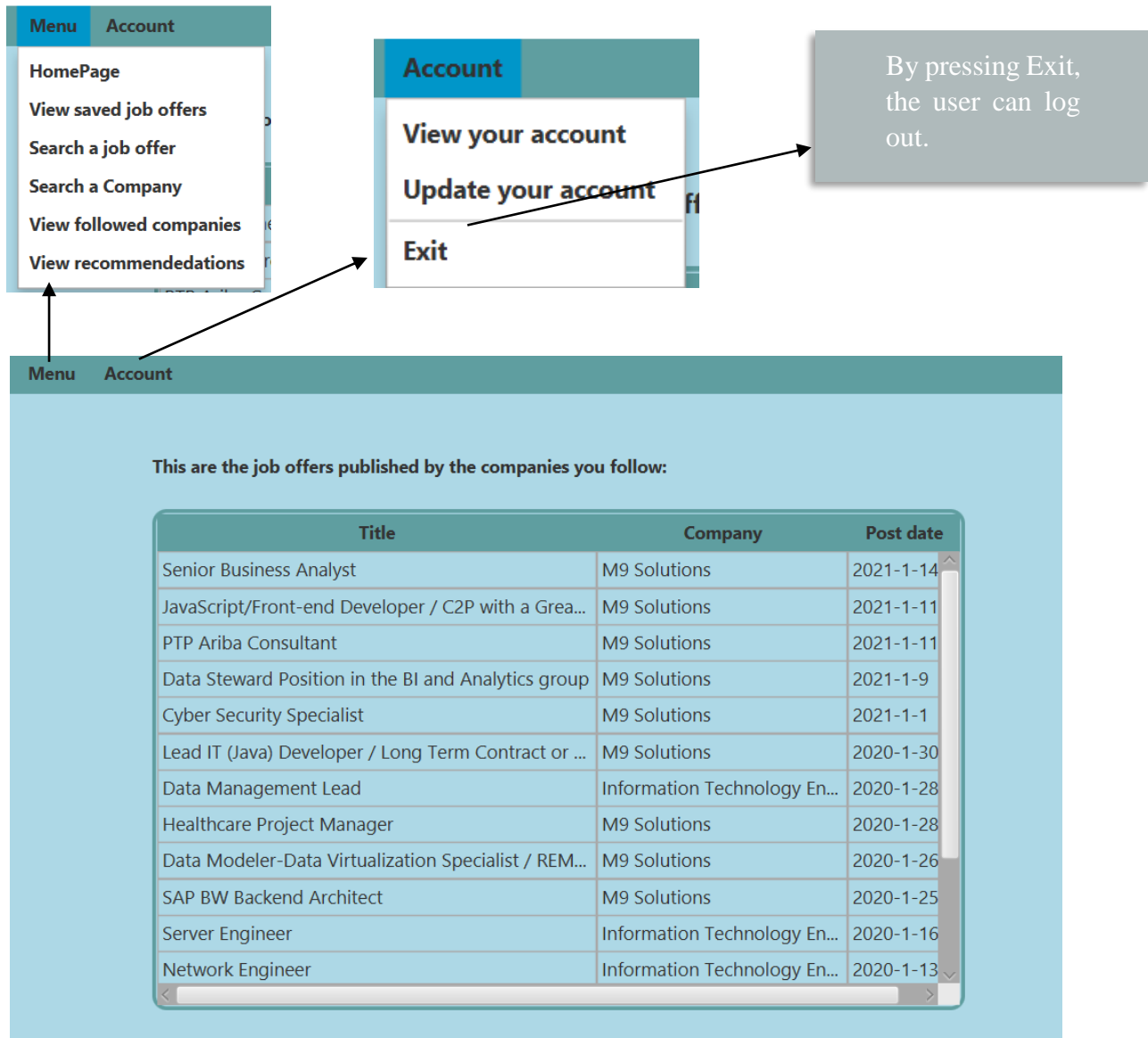


Figure 4: Job Seeker Home Page

VIEW ACCOUNT PAGES

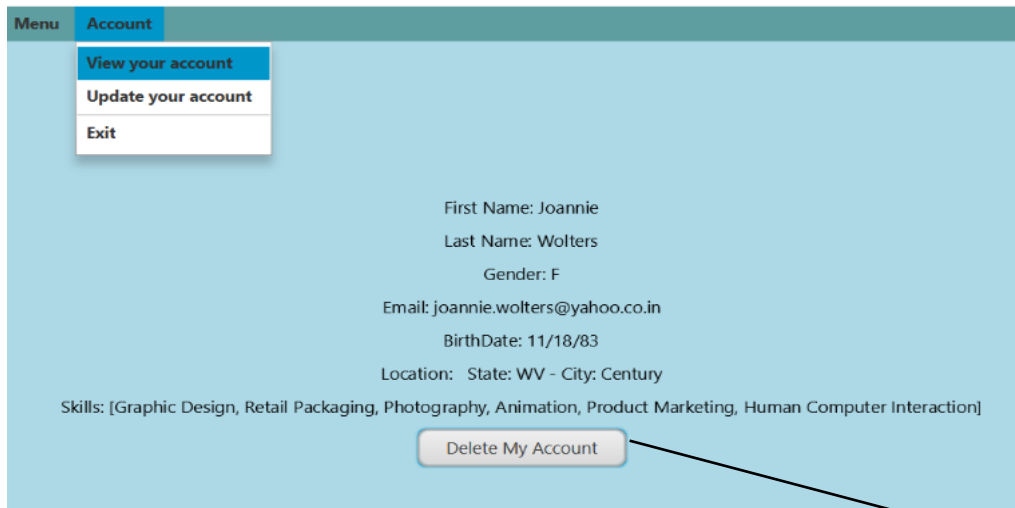


Figure 5: View Account Page for Job Seeker

Delete My Account button delete the account of user.

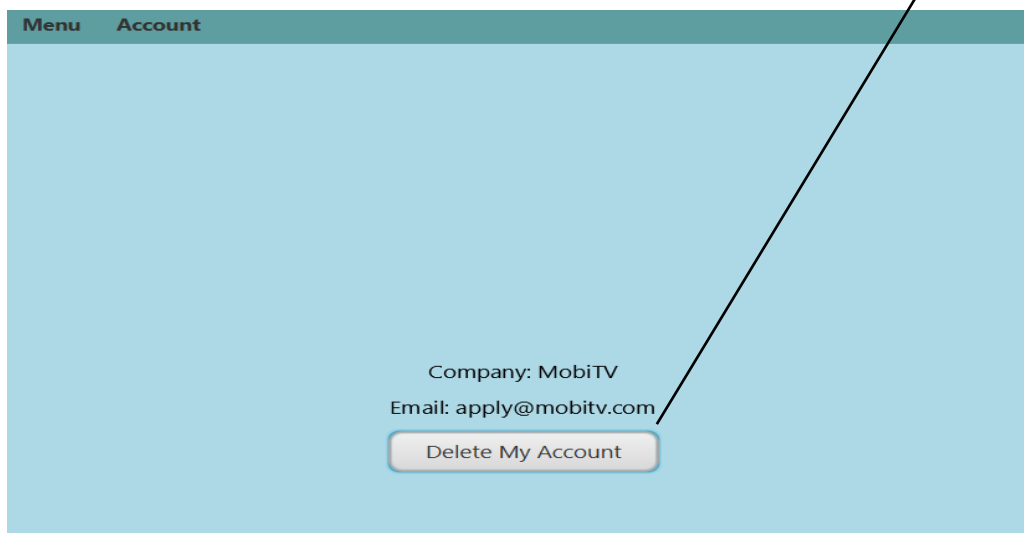


Figure 6: View Account Page for Employer

UPDATE ACCOUNT PAGES

Menu Account

- View your account
- Update your account
- Exit

UPDATE ACCOUNT

Enter new password Confirm new password Change Password

Enter new skill Add New Skill

Enter skill to delete Delete Skill

Figure 7: Update Account Page for Job Seeker

Menu Account

UPDATE PASSWORD

Enter New Password* :

Confirm New Password* :

Submit

Figure 8: Update Account Page for Employer

VIEW SAVED JOB OFFERS PAGE

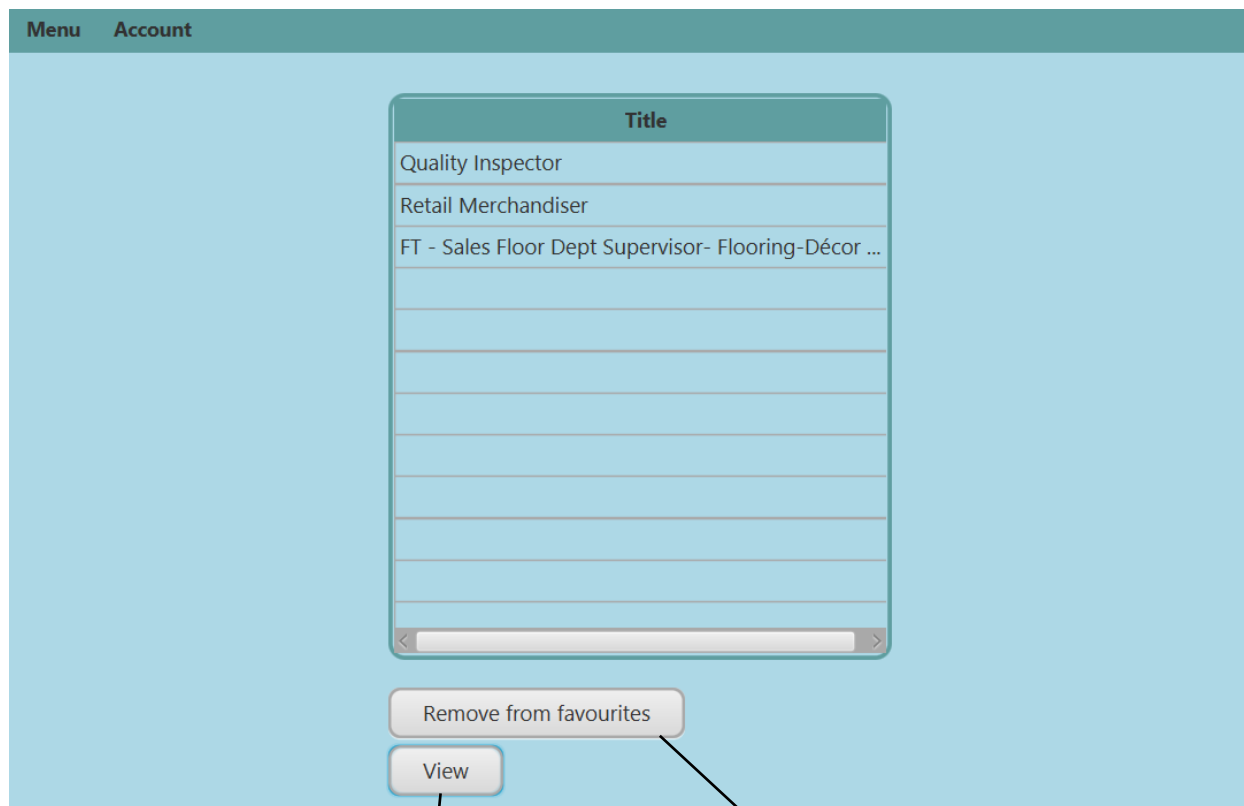


Figure 9: View Saved Job Offers Page



By pressing Remove from favourites, the job seeker can unsave the selected job offer.

Clicking on View Button job offer opens job offer information windowwindow.

SEARCH A JOB OFFER PAGE

The job seeker can search for job offers by setting a parameter.

Menu Account

JobTitle	CompanyName	JobType	Location	Salary	Date
Java Developer ...	CyberCoders	Full-Time	NC, Thomasville	Not specified.	Thu Jan 28 01:0...
Manager of Ap...	Incendia Partners	Full-Time	MA, Watertown	Not specified.	Thu Jan 28 01:0...
Java Developer ...	Allied Global S...	Full-Time	KS, Lenexa	Not specified.	Wed Jan 27 01:...
Sr. Java develo...	Bridget Morga...	Contractor	CT, Bristol	Not specified.	Wed Jan 27 01:...
Senior Java Sof...	Advent Software	Full-Time	CA, San Francis...	Not specified.	Wed Jan 27 01:...
Senior Java Dev...	Visionaire Part...	Full-Time	GA, Atlanta	Not specified.	Tue Jan 26 01:0...
Full Stack Devel...	Visionaire Part...	Full-Time	GA, Marietta	Not specified.	Tue Jan 26 01:0...
Java with ATG	Interpro Inc.	Full-Time	GA, Alpharetta	Not specified.	Tue Jan 26 01:0...
(Full Time) JAV...	Puresoft, Inc.	Full-Time	NY, Albany	Not specified.	Tue Jan 26 01:0...

Figure 10: Search Job Offer Page

Clicking on a row opens job offer information window.

----- JobOffer info -----

TITLE:
Java Developer - CONTRACT/CONTRACT TO HIRE

COMPANY NAME: CyberCoders

LOCATION: NC, Thomasville

POST DATE: Thu Jan 28 01:00:00 CET 2021

JOB TYPE: Full-Time

SALARY: Not specified.

DESCRIPTION:
Minimum Required Skills:Java, J2EE, JDBC, JSP, JSF, AJAX, JSON, JavaScriptIf you are a Java Developer - CONTRACT/CONTRACT TO HIRE with experience, please read on!What You Will Be DoingThe Sr. Java ...

SEARCH A COMPANY PAGE

Menu Account

FIS

COMPANY NAME: FIS EMAIL: apply@fis.com

Job Offers Posted by the Company are:

JobTitle	CompanyName	JobType	Location	Salary
Pricing Analyst II	FIS	Full-Time	CO, Denver	Not specified.
Customer Service Associ...	FIS	Full-Time	FL, St. Petersburg	Not specified.
Vice President, Utility	FIS	Full-Time	NJ, Jersey City	Not specified.
Hardware Planner Senior	FIS	Full-Time	AZ, Chandler	Not specified.
Software Engineer Senior	FIS	Full-Time	CA, Petaluma	Not specified.

Figure 11: Search a Company Page

Clicking on a row opens job offer information window.

JobOffer info

TITLE: Pricing Analyst II

COMPANY NAME: FIS

LOCATION: CO, Denver

POST DATE: Tue Jan 28 01:00:00 CET 2020

JOB TYPE: Full-Time

SALARY: Not specified.

DESCRIPTION:

GENERAL DUTIES & RESPONSIBILITIES• Partners closely with sales, relationship managers, business development and senior management to provide pricing information in support of pricing strategies, policies and recommendations.• Evaluates and ...

VIEW FOLLOWED COMPANIES PAGE

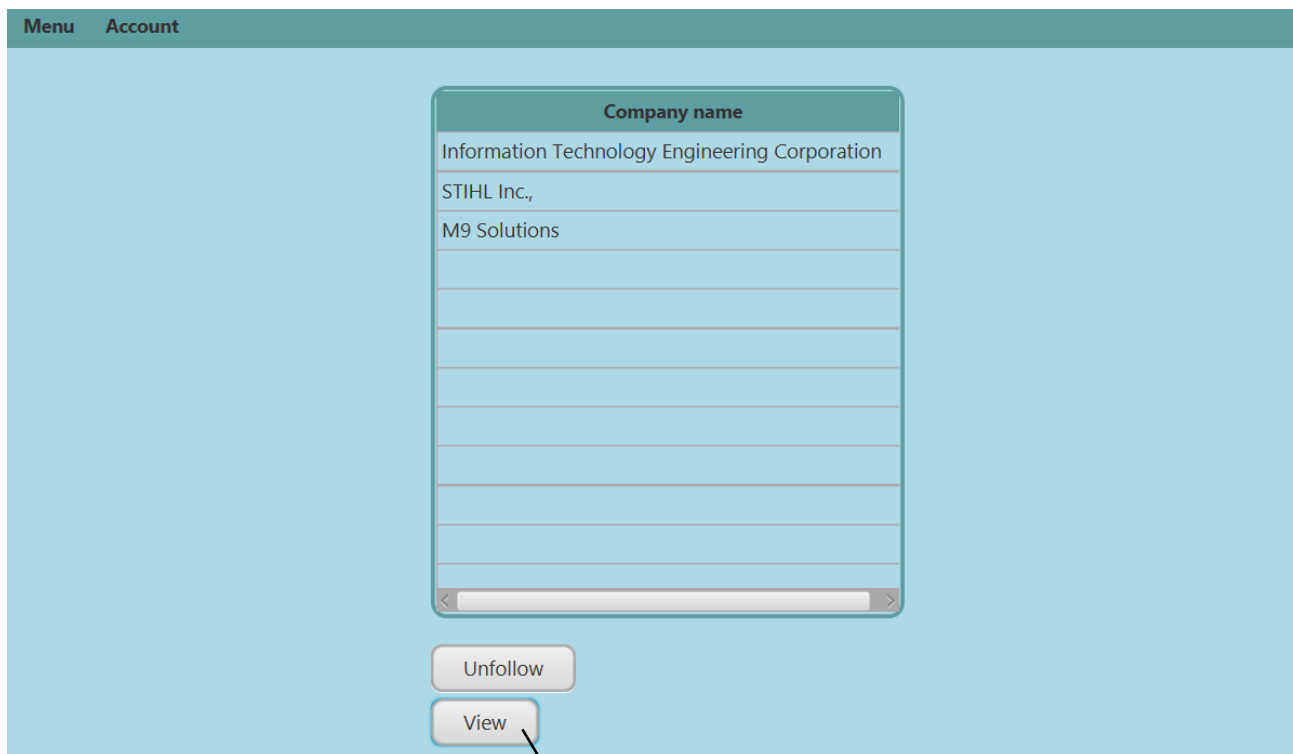


Figure 12: View Followed Companies

The job seeker can select a row and either view the employer's information or unfollow it.



VIEW RECOMMENDATIONS PAGE

[Menu](#) [Account](#)

Maybe you can be interested in those companies:

CompanyName
Valmont Industries, Inc.
Chipton Ross
Peterson Technology Partners
Altec Industries , Inc.
Unitek Usa, LLC
The Jupiter Group
Agile
The Griffin Groupe
Sofia Technology
Oxford International
Earn-at-USJB
SOFT Inc.

Maybe you can be interested in those job offers:

title	post date
Senior Software Engineer, Member...	2021-1-15
Customer Service Representative	2020-1-3
Info Security Engineer 6	2020-1-21
Sr. Security Engineer	2020-1-19
Dishwashers Needed in Orange Co...	2020-1-29
Java with ATG	2020-1-30
Software Engineer C# .Net	2020-1-4
Sr. IT Security Architect S	2020-1-13
91B Light-Wheel Vehicle Mechanic	2020-1-9
Recreation Therapist	2020-1-4
Shift Supervisor (Plymouth facility)	2020-1-27
SQL Developer	2021-1-9

Figure 13: Recommendations Page

EMPLOYER HOMEPAGE

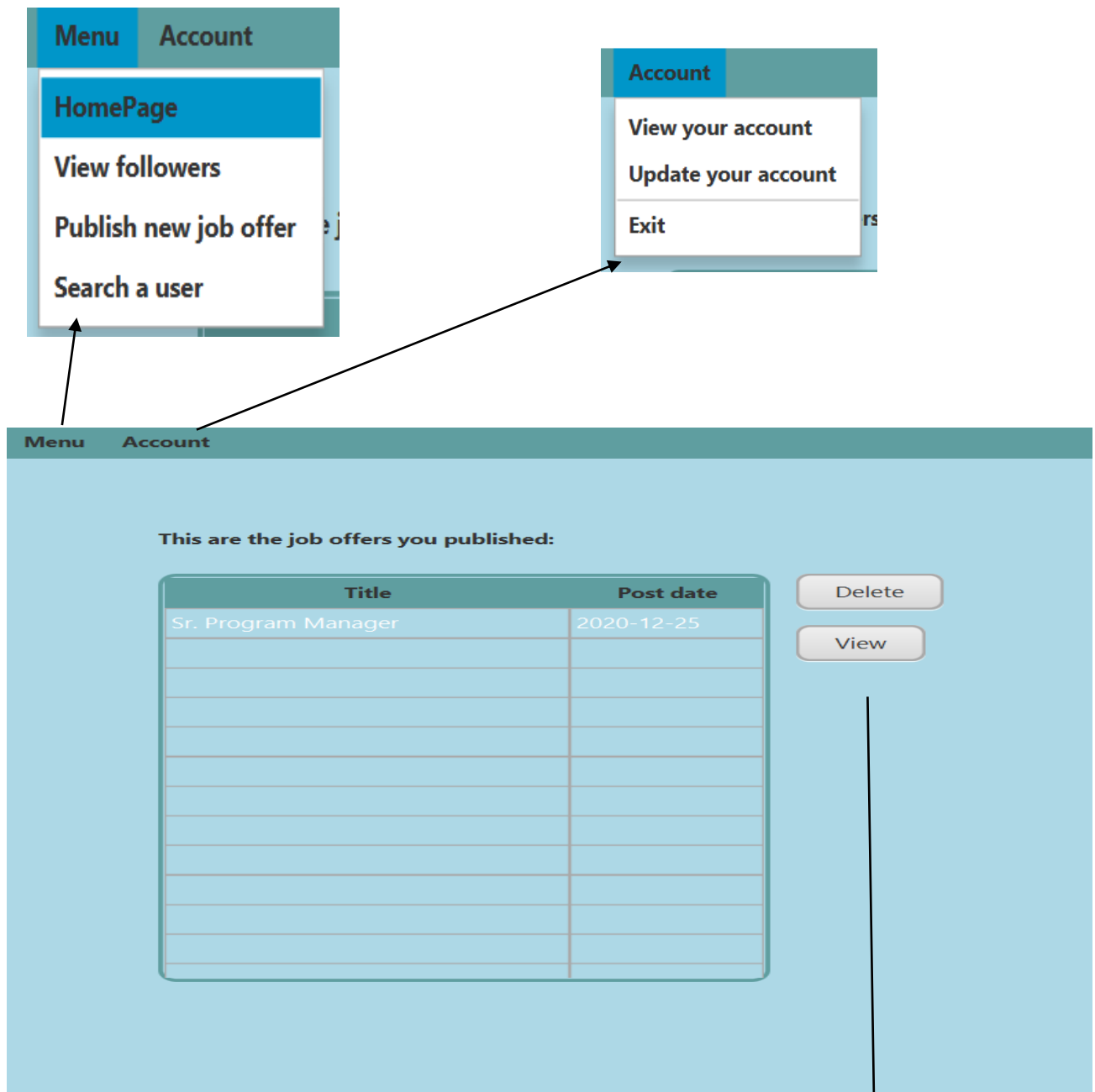


Figure 14: Employer Home Page

The employer can select its published job offer and either view it or delete it.

VIEW FOLLOWERS PAGE

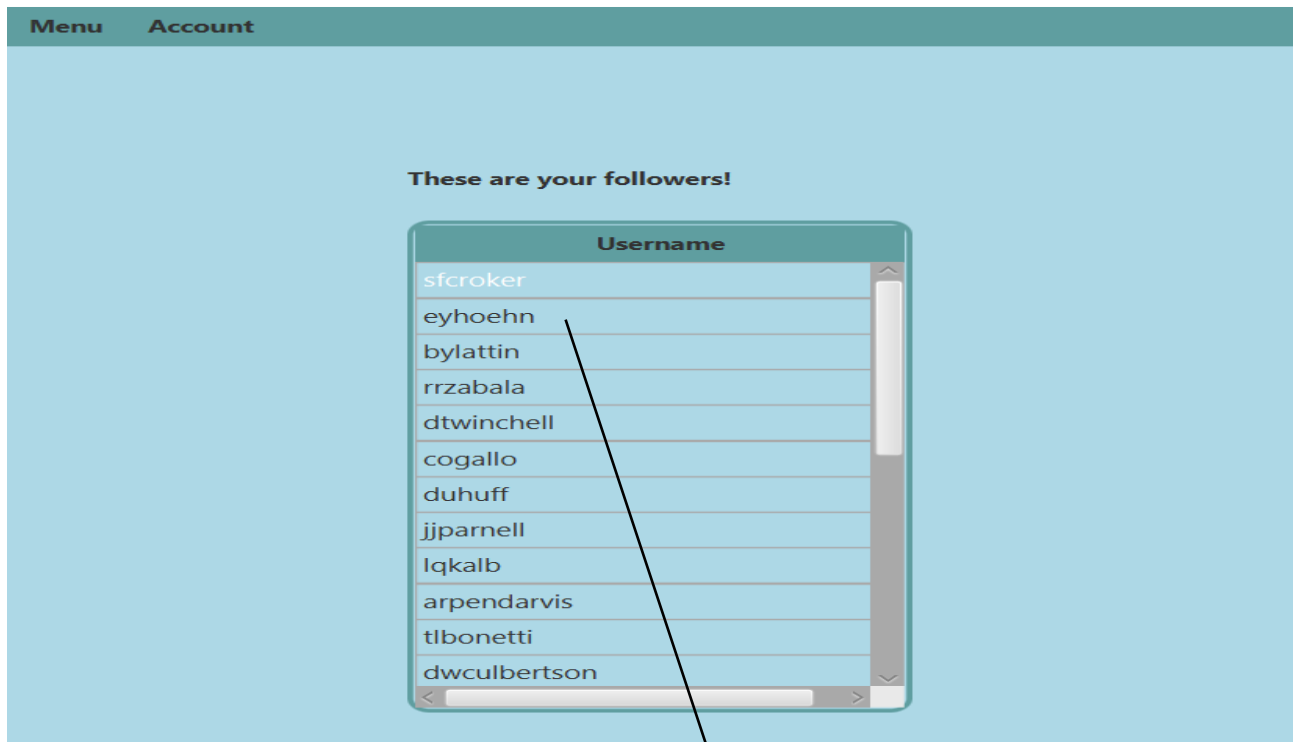
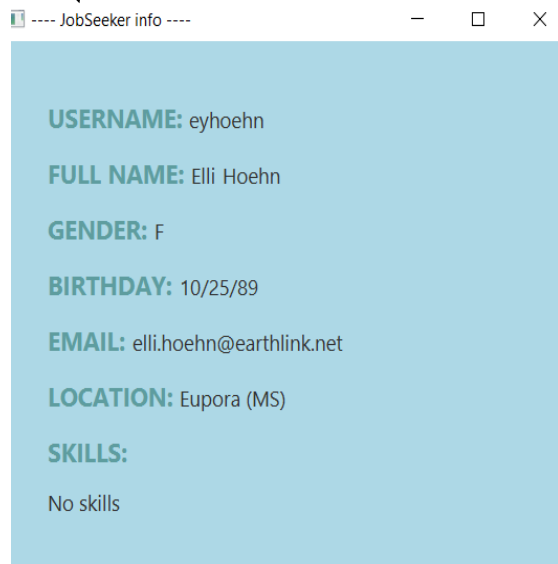


Figure 15: View Followers Page

The employer can select a follower and view its information window.



PUBLISH A JOB OFFER PAGE

Menu **Account**

Job Title*:

Job Location - State*:

Job Location - City*:

Salary Section: (If you want to specify salary, you should fill all the fields related to salary! other...

Choose the time unit for salary ▼

Choose the Job Type* ▼

Enter description for the job*:

Submit

Figure 16: Publish a Job Offer Page

Choose the Job Type* ▼

- Full-Time**
- Part-Time
- Full-Time/Part-Time
- Contractor
- Contract To Hire
- Seasonal/Temp

Choose the time unit for salary ▼

- Year**
- Hour

minimum for salary

Enter the maximum for salary

SEARCH A USER PAGE

The employer can search for job seekers by setting a parameter.

Username	Name	Surname
cfmontague	Clemmie	Montague
llapel	Letha	Apel
rmmillwood	Reynalda	Millwood
tyhollenbeck	Tanner	Hollenbeck
acbonet	Amado	Bonet
jnnorden	Jeanetta	Norden
puleite	Paris	Leite
cihargreaves	Chadwick	Hargreaves
hzcarr	Hollis	Carr
ktmartinez	Kiara	Martinez
bdfendley	Brigitte	Fendley
hmtownson	Hong	Townson

Figure 17: Search a User Page

Clicking on a row opens job seeker information window.

----- JobSeeker info -----

USERNAME: cfmontague

FULL NAME: Clemmie Montague

GENDER: F

BIRTHDAY: 10/20/61

EMAIL: clemmie.montague@gmail.com

LOCATION: Hennepin (OK)

SKILLS:

Tax Preparation Accounting Tax

ADMIN HOMEPAGE

Menu

Search by Id ▾

Delete

Figure 18: Admin Home Page

Menu

HomePage

- Application Statistics
- Cities with Most jobs
- Most Repeated Skills
- Most Followed Companies
- Exit

Here, the admin can view account details of the searched item (as displayed below)

Search by Id ▾

Job seeker

Employer

Job offer

Delete

Admin can delete the searched result.

bnweatherly

FIRST NAME: Bernard
LAST NAME: Weatherly
BIRTHDAY: 8/19/61
GENDER: M
EMAIL: bernard.weatherly@gmail.com
LOCATION: Shelbyville (TN)
SKILLS: Public Health Sports Coaching Personal Coac

< >

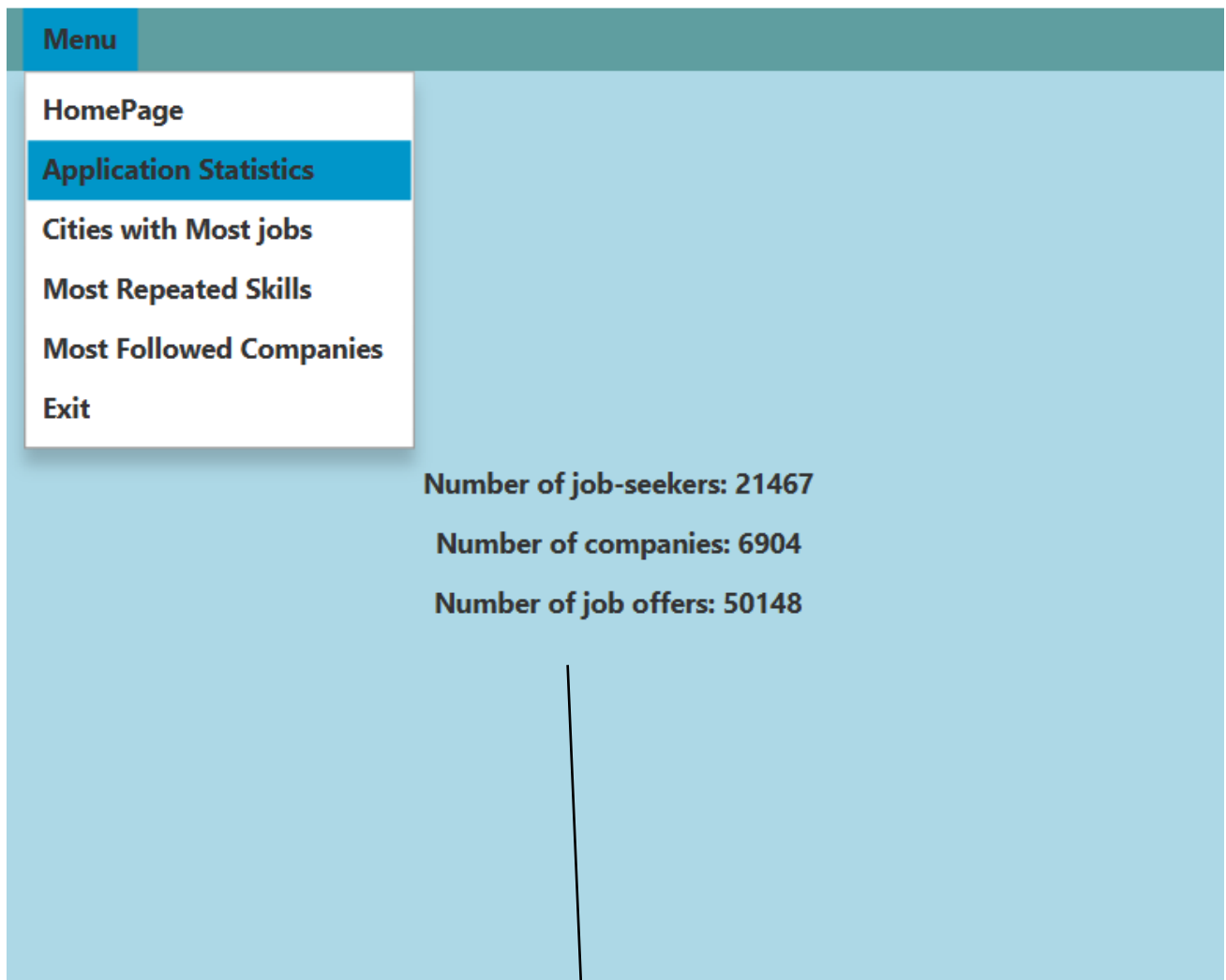


Figure 19: Application Statistics Page

Here, the admin can view the statistics of the application i.e. total number of job seekers.

CITIES WITH MOST JOBS PAGE

Admin can find top 10 cities with the highest number of job offers with respect to job type.

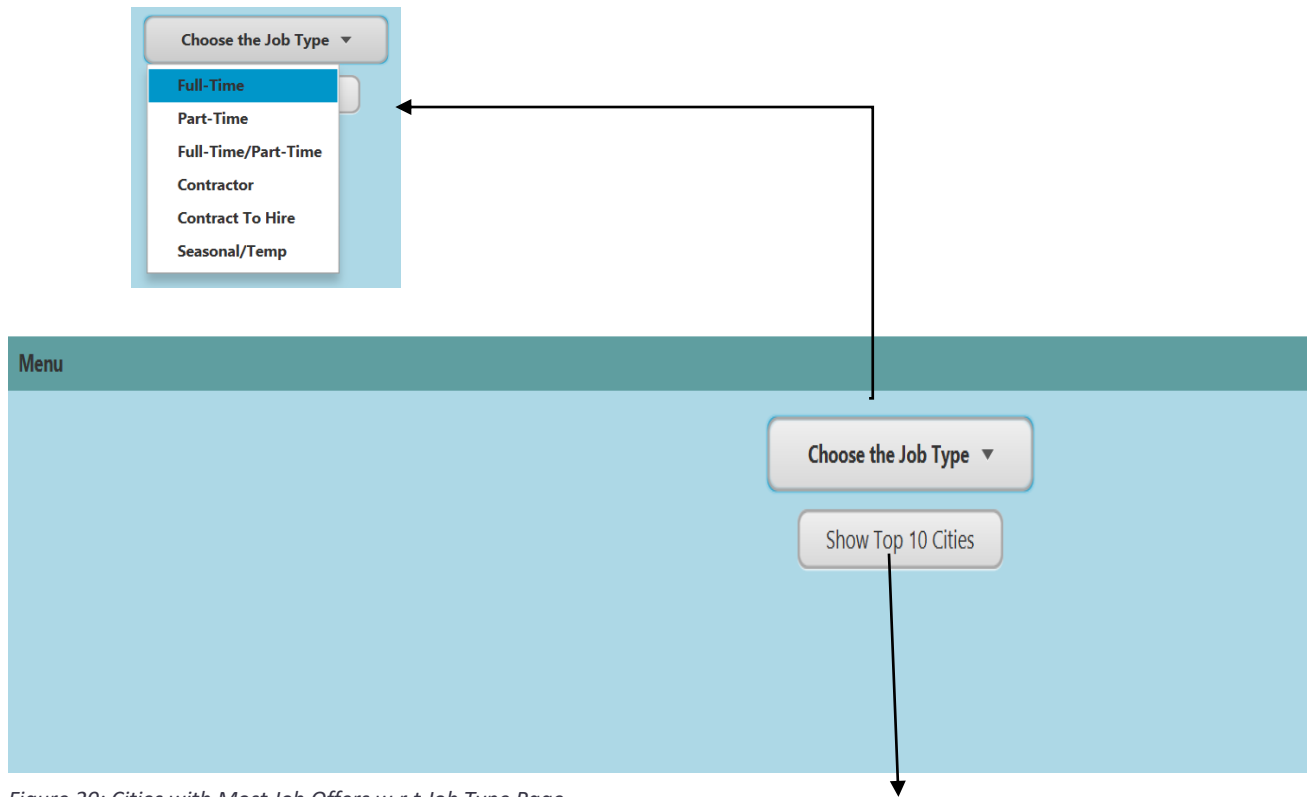
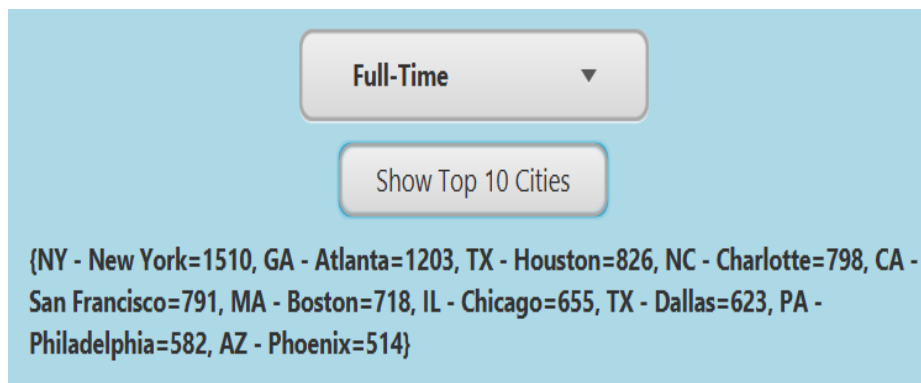


Figure 20: Cities with Most Job Offers w.r.t Job Type Page

After setting Job Type parameter, admin can press Show Top 10 Cities Button to see the result.



MOST REPEATED SKILLS PAGE

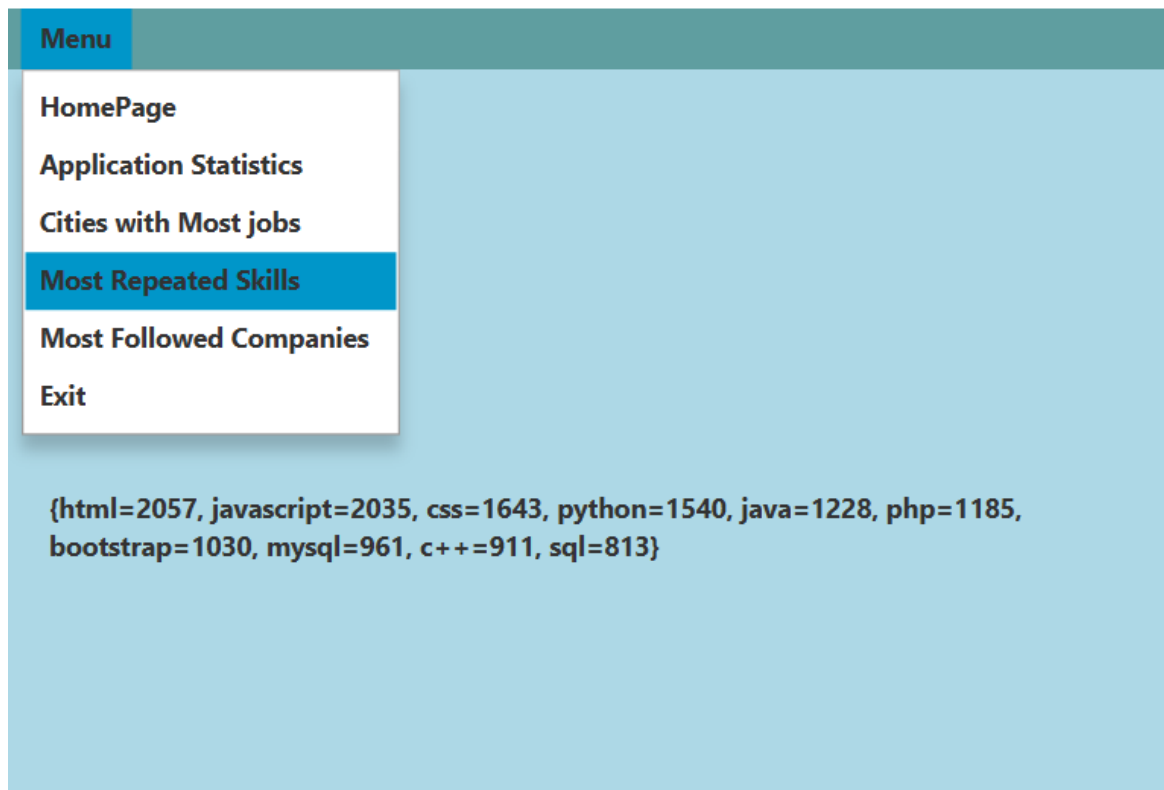


Figure 21: Most Repeated Skills Page

Menu	
The top 10 most followed companies are:	
Company Name	
Altec Industries , Inc. :	6091 followers
Intellect IT :	40 followers
Nurses First Solutions :	39 followers
Zenosys :	38 followers
Fladger Associates :	38 followers
Cafe Rio, Inc. :	38 followers
TRIAD Group :	38 followers
Cosmos IT Solutions :	37 followers
Service Champions North :	37 followers
720 Worldwide Inc. :	37 followers

Figure 22: Most Followed Companies Page