ONLINE JOB SEARCH SITE

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# PROBLEM STATEMENT

The online job search site allows applicants to search for job opportunities based on job or companies.Employers need to advertise the vacancies.In addition to this the users can upload the interview process that they have undergone or if they wish to share the experience with the particular company.

The employees working in a company can also add a rating and review for that company where the average of all the rating will be displayed along with company details.If the user is not satisfied with the present job vacancies,they can specify their requirements and this will be saved separately.When any job vacancy arises that satisfies user requirement specification,a notification through email is generated to them.

# FUNCTIONALITIES:

1. Login as user or admin
2. If admin the control is transferred to publish job.
3. If user choices are
   1. Search for jobs.
   2. Search for company.
   3. Write review and give rating for a company.
   4. Specify interview process for a company.
   5. If not satisfied with existing vacancy can specify his requirements.

# PACKAGES :

* Have 6 separate packages.
  + - Com.proj\_name.beans
    - Com.proj\_name.constants
    - Com.proj\_name.dao
    - Com.proj\_name.delegate
    - Com.proj\_name.ui
    - Com.proj\_name.utils
* Have separate pojo classes for different tables under bean package,generate getters and setters for the same.
* All constants must be stored inside a class saved inside constants package.
* All implementation details and database operations must be under dao package.
* Any method that is repeated and has validation logic must go under delegate package.
* All classes that take user input from console goes under ui package.
* All utilities of the project goes under utils package.

# PROJECT FLOW:

* The main class is under com.proj\_name.ui package.This allows the user to either login or register if this is the first time.
* After login based on the role of the user(Normal user, Company admin,Website admin) the next page is displayed.

## USER:

* + If user, the control is transferred to a page where the user can

### Search for a company

Once the user selects this option all the companies registered with the site is displayed and the user selects one among them.All the vacancies present in the company are displayed to the user along with the reviews posted by different users are also displayed.

### Search for a job

Similarly all the job designations are displayed and the user selects one among them, vacancies present for a particular job designation along with the interview processes posted by different users are displayed to the user.

### Write an interview process for a job/company.

The user’s email id is asked for adding an interview process,if the email is unregistered with the site, the user has to first register with us,with this email the user writes the interview process for a job in a particular company.

### Review and Rate a company.

Similarly user’s email must be registered first to review and rate a company.

### Request a vacancy to notify.

Again only a registered user can request vacancy for a job.User specifies email,job designation,job location etc.

### Delete his account from site.

User has to reenter his emailID and password to delete his account.

## COMPANY ADMIN:

* + If company admin,the control is transferred to a page where the admin can

### Add a new Company.

Admin can add a new company,Admin enters company name,company website url.

### Add a new Vacancy for a Company.

Admin enters company and job designation of the new vacancy.

### Delete a published vacancy of a company.

Admin can delete an existing vacancy,by entering the company name and corresponding job designation.

### Review and Rate a company.

Admin can review and rate a company.

### Delete his account from site.

Admin re enters his email and password.

## WEBSITE ADMIN:

* + If site admin,the control is transferred to a page where the admin can

### Add a new Company.

Admin can add a new company,Admin enters company name,company website url.

### Add a new Vacancy for a Company.

Admin enters company and job designation of the new vacancy.

### Delete a published vacancy of a company.

Admin can delete an existing vacancy,by entering the company name and corresponding job designation.

### Delete a company

Website admin can delete a company.

* When a new vacancy arises that matches the registered users request vacancy the users are notified through mail.
* For generating mail through java code,2 jar files are needed
  + - Java Mail API jar
    - Activation jar
* And for JDBC ,mysql connector jar is required.

# PROJECT SOURCE CODE:

<https://github.com/sruthiviswanathan/Zterns-19-Sruthi/tree/master/OnlineJobSearch-ConsoleApp>