JOB HUNT -SPRING MVC

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# **PROBLEM STATEMENT**

The JOBHUNT allows applicants to search for job opportunities based on job or companies or location and allows users to apply for the same.The users will be able to view the jobs for which they have applied.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 can add 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.

A company Admin can have access to only one company at a time.He can publish new vacancies,edit published vacancies and view the users who have applied for the vacancies in that company.The admin can mark a particular user as contacted for their future references.

## FUNCTIONALITIES:

1. Login as user or admin
2. If admin the control is transferred to admin page where admin side functionalities can be performed.
   1. Publish new vacancy
   2. Update already published vacancies(update/Delete)
   3. View applied users and mark them contacted.
3. If user choices are
   1. Search jobs based on job designation.
   2. Search jobs based on company where company details will also be present.
   3. Search jobs based on location
   4. Give review and rating for a company.
   5. Share interview process for a company.
   6. If not satisfied with existing vacancy can specify his requirements.
   7. Can view the jobs that he had applied previously.

## PROJECT STRUCTURE:

Have 7 Different packages inside src/main/java folder.

* + - Com.proj\_name.beans
    - Com.proj\_name.config
    - Com.proj\_name.constants
    - Com.proj\_name.dao
    - Com.proj\_name.delegate
    - Com.proj\_name.controller
    - Com.proj\_name.utils

Define all POJO classes inside Bean folder.

Define the constant path of the project inside config folder.

Define all the constants inside constants package.

Define controllers based on use case in this project , 3 controllers are defined(User controller , Job Controller, Company Controller)

Define all the business logic inside Delegate (similarly have 3 delegates- user,job,company)

Define all the Database operations inside DAO.

Database open connection and close connection codes are defined inside Utils package.

## PROJECT FLOW:

After successful login/register the user is redirected to either find jobs page or admin page based on their role.

If User,

* In the findjobs page ,user will be able to find jobs based on job designation.Once the user enters a job designation, jobs present in particular job designation is displayed.If there is no vacancies in particular job designation,according message is displayed and the user can again search for another job.
* The user can also search for a company,Once the user enters a company ,the company details along with the jobs present in that company is displayed.In addition the user can view all the reviews and ratings and interview process of that company.
* User can also review and rate a company and specify the interview process of a particular job in a company.
* The user can also search for a vacancy by location and in all the above three cases,user can apply for a job.Once the user has applied for a job,he/she can view the applied jobs at a later time.
* The user can update his own profile.
* If the user is not satisfied with existing vacancies,he/she can request for a vacancy that he desires.Once a new vacancy arises with these requirements,then the user is notified via email.

If Admin,

* The user is redirected to admin dashboard,where he can view the number of vacancies published,number of users applied.From this page the user can be navigated to either
  + Publish a new vacancy,Edit published vacancy,View applied users.
* In publish a new vacancy ,admin can publish a new job.If the admin wishes to add a new job designation,then he/she can add job designation,then publish a vacancy.
* The admin can update or delete a vacancy.If the vacancy is deleted then the vacancy is marked expired, the admin can enable the vacancy anytime.
* The admin can view all the users who have applied for the job and mark the user contacted.

## PROJECT SOURCE CODE:

[https://github.com/sruthiviswanathan/Zterns-19-Sruthi/tree/master/JobHunt-SPRINGMVC](https://github.com/sruthiviswanathan/JOBHUNT-SpringMVC)

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