

Job Hunter

Problem description

GitHub repo <https://github.com/Maharishi-International-University/Job-Hunter.git>

A strategic job search is necessary for success in finding your dream job, no matter what it may be or how qualified you are, and the job hunt is nearly as important as the work experience you bring with you.

A lot of students are facing a hard time getting a job lately because of the current financial crisis and the worldwide coronavirus pandemic. We decided to build an app called Job Hunter that can simplify the job-searching process for fellows like us.

The major functionality of the Job Hunter app is for providing Employers and job seekers a platform where they can post a job and apply for a job.

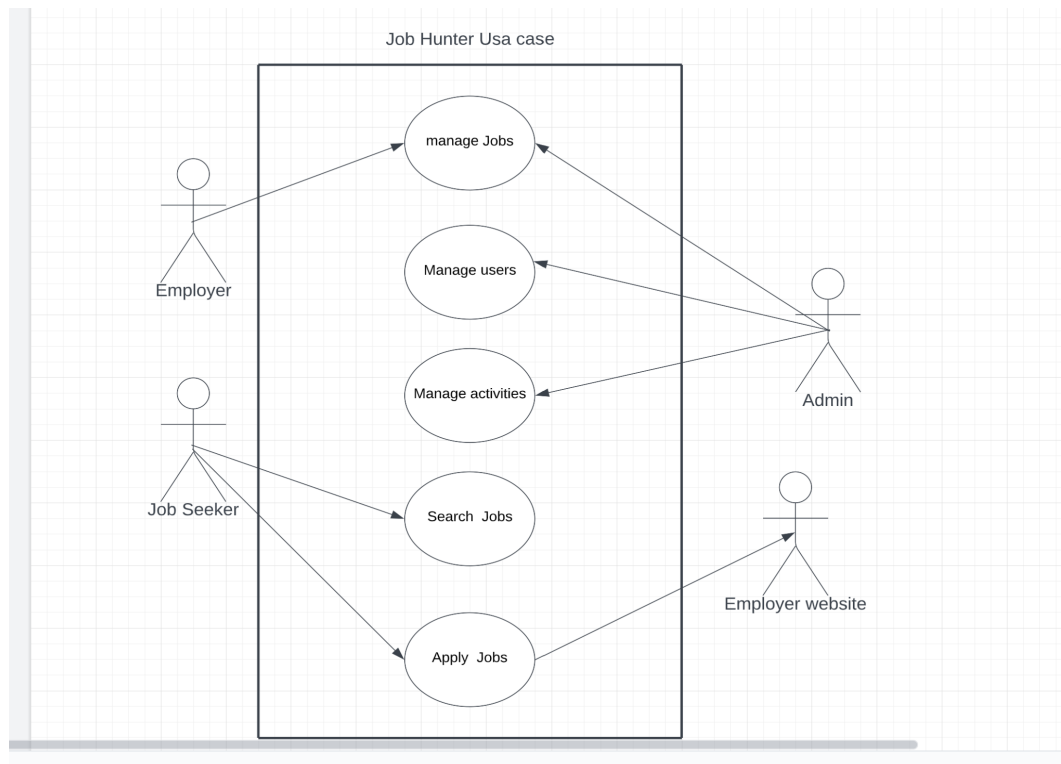
When the user signs up for the first time, they must specify their role.

When an Employer logged in, he/she can post or edit the available position and the posted Job will be available for the app users.

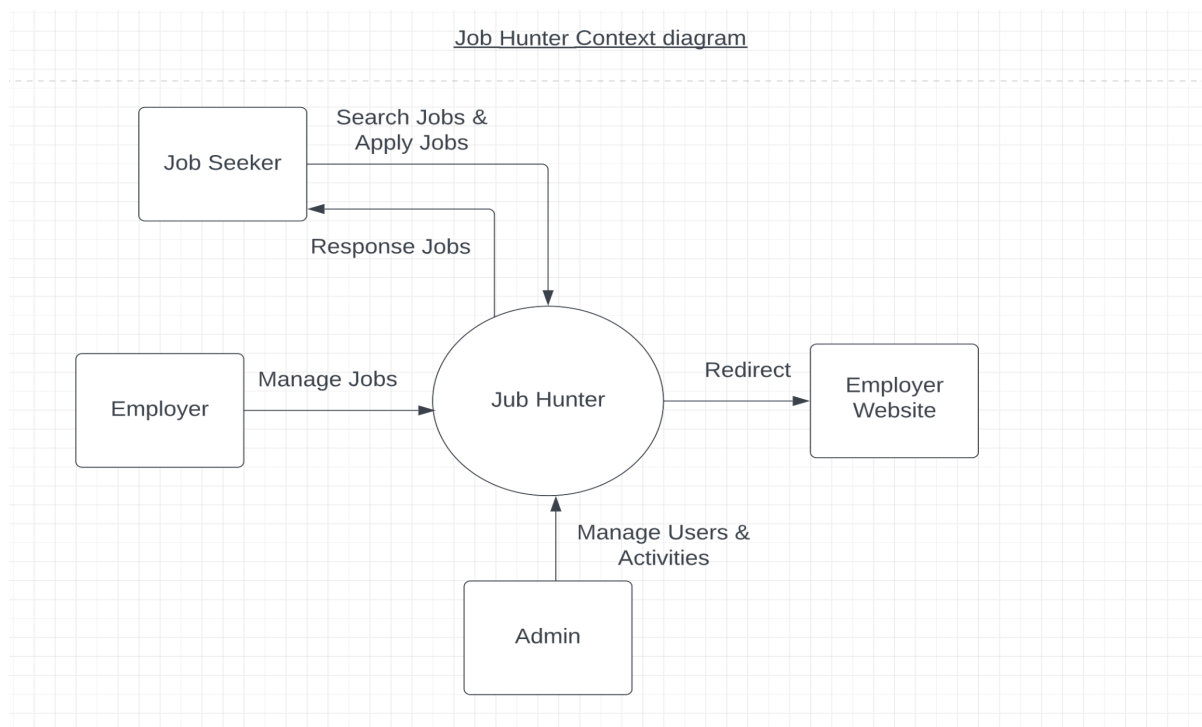
When the Job seeker logs in, he/she can search and apply for any jobs that are posted in the app. If he/she wishes to apply, the app will redirect to the Employer's website.

When the app Admin logs in, he/she can manage the activities of the users and take responsibility for the functionality of the app.

Use Case Diagram Job Hunter



Context Diagram Job Hunter



User Stories

As an Employer
I can post a new Job on the app
So that I can able to hire new Employees

As an Employer
I can edit the existing Jobs if they expired
So that applicants won't apply for the expired positions

As an Employer
I can delete the existing Jobs if the position is filled or expired
So that applicants won't apply for the filled or expired positions

As a Job Seeker
I can search for available Jobs
So that I can choose the appropriate one

As a Job Seeker
I can apply for the position, I chose
So that I can get hired

As an Admin
I can delete the expired Jobs
So that the posted Jobs are up-to-date

As an Admin
I can remove Employer or Job Seekers if they are intransparent
So that the system will be reliable

User Story Acceptance Criteria

User Stories	User Story Acceptance Criteria
As an Employer I can edit the existing Jobs if they expired So that applicants won't apply for the expired positions	<ul style="list-style-type: none">- If he/she log in successfully- Should be able to post a new Job successfully- Should be able to edit/renew it, if it is expired- Should be delete the Job if the position is filled
As a Job Seeker I can search for available Jobs So that I can choose the appropriate one	<ul style="list-style-type: none">- If he/she log in successfully- If the search was successful he/she should be able to apply.- If the search wasn't successful he/she shouldn't be able to apply

<p>As an Admin</p> <p>I can remove Employer or Job Seekers if they are intransparent</p> <p>So that the system will be reliable</p>	<ul style="list-style-type: none"> - If he/she log in successfully - Should be able to see the intransparent Job Seeker or misleading Job post - Should be able to remove who violated the policy
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Flat backlog

Search Job
Apply Job
Edit Job
Remove Job
Post Job
View Job
Delete User
Sign in
Sign up
Sign out
View User

User Story Map

Searching Jobs		Manage a Job	Manage Users
Search a Job	Apply a Job	Post a job	View user
Search by Name		Edit a job	Remove user
Search by Company		Remove a job	
Search by Role		View a job	
View a Job			

Main Scenario

Job Seeker

1. Job-seeker search by a job name, company or role in the system
2. Job-seeker click view button to see the retrieved jobs and choose one
3. User logs out from the system

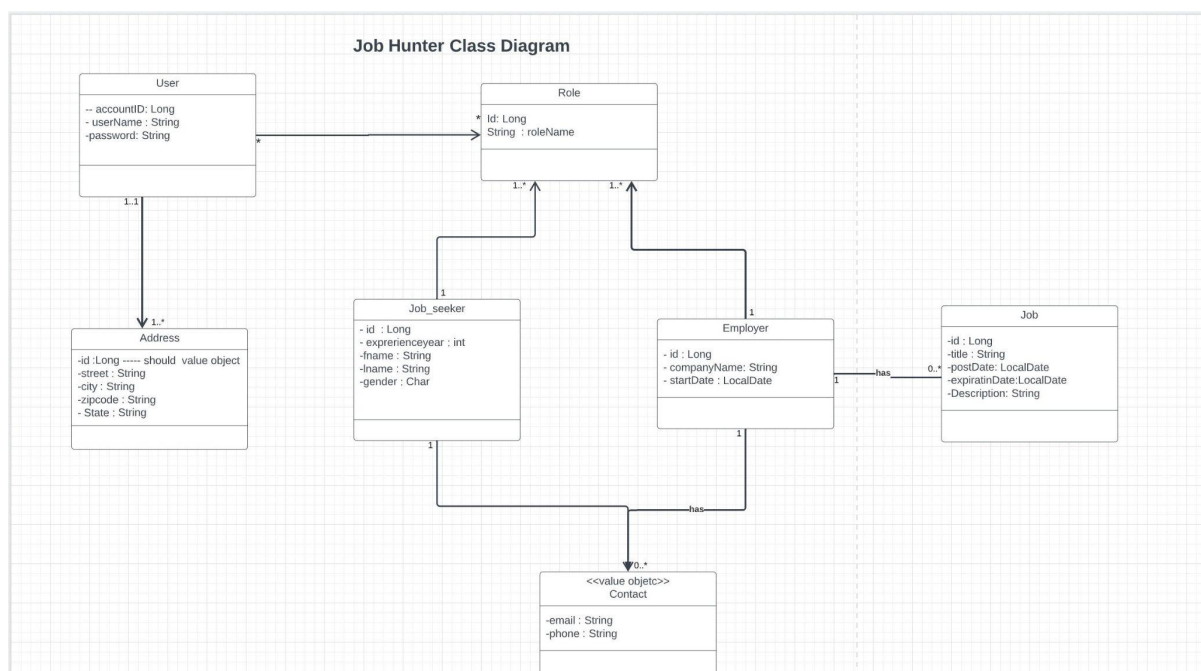
Employer

1. The employer signs up if she/ he doesn't have an account.
2. The system asks for a username and password.
3. A user login into the system.
4. Employer can post a job in the system
5. Employer logs out from System

Admin

1. Admin signs up if she/ he doesn't have an account.
2. The system asks for a username and password.
3. Admin login into the system.
4. Admin view user activities in the system
5. Admin removes users that are unrealistic to the system
6. Admin logs out from the system

Class Diagram for Job Hunter



Sequence Diagram

Use-case: Search for available Jobs

Description:

Title: Search for available Jobs

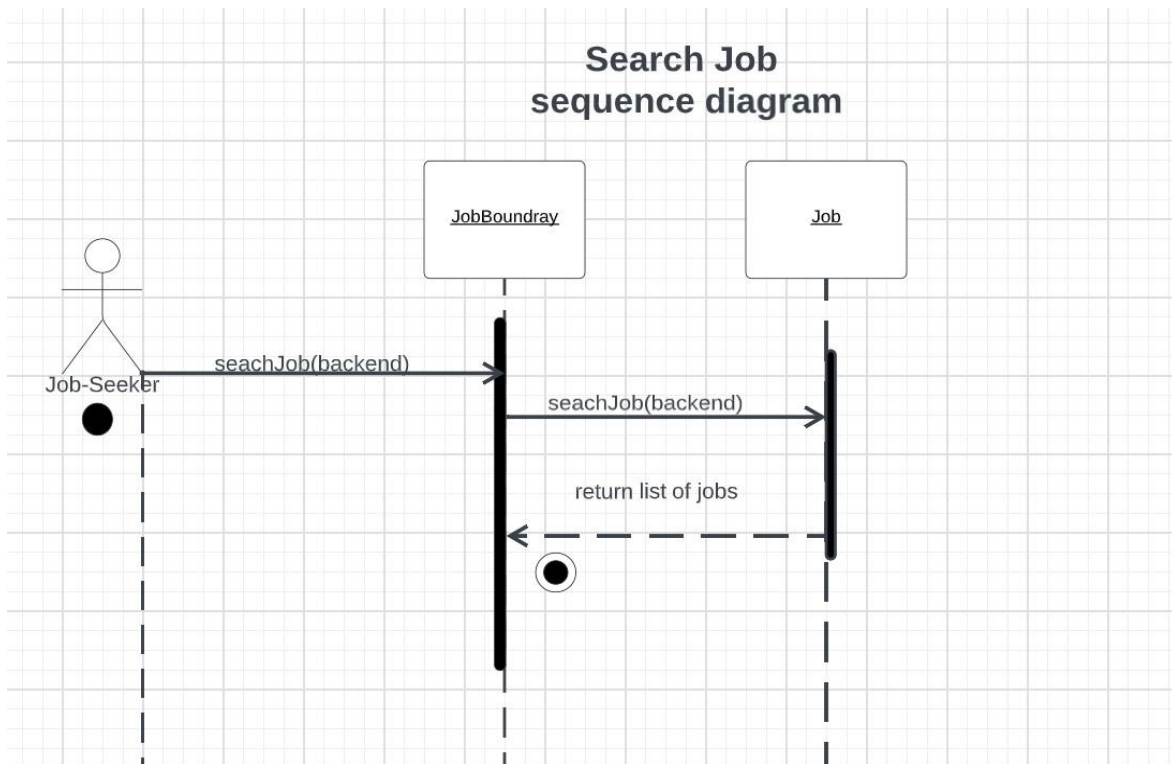
Actor: Job-Seeker

Description: Job-Seeker can Search for available Jobs

Precondition: Job-Seeker has logged in to the system

Main flow/ scenario:

User Action	System Response
Job-seeker input a job name, company or role in the system	System retrieve the available jobs and display the title of the jobs
Job-seeker click view button to see the retrieved jobs and choose one	System will show the selected job in a large card for more details
Job-seeker click the log-out button	System will log-out the user from the system



Use-case: Post a new Job

Description:

Title: Post a new Job

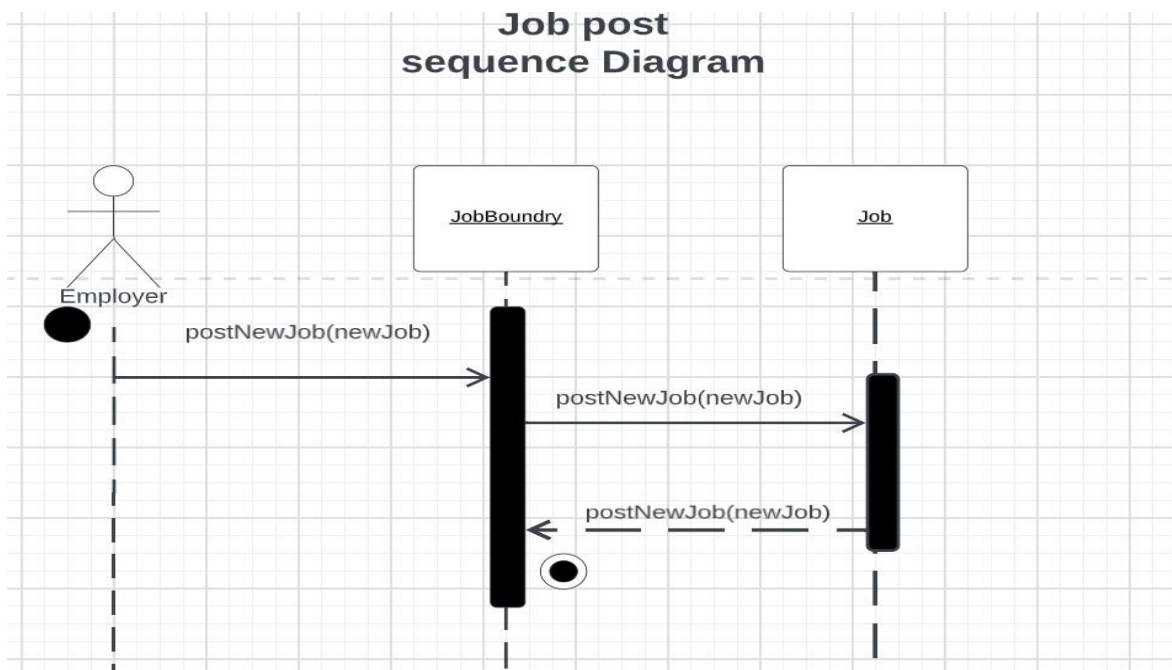
Actor: Employer

Description: Employer post a new Job

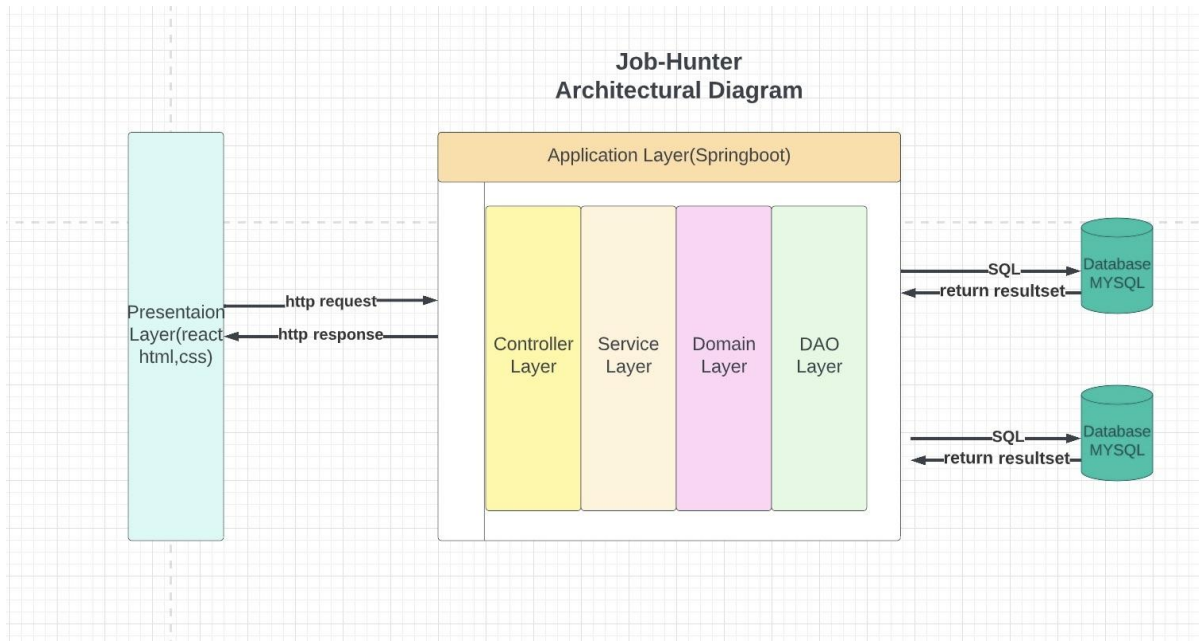
Precondition: Employer has logged in to the system

Main flow/ scenario:

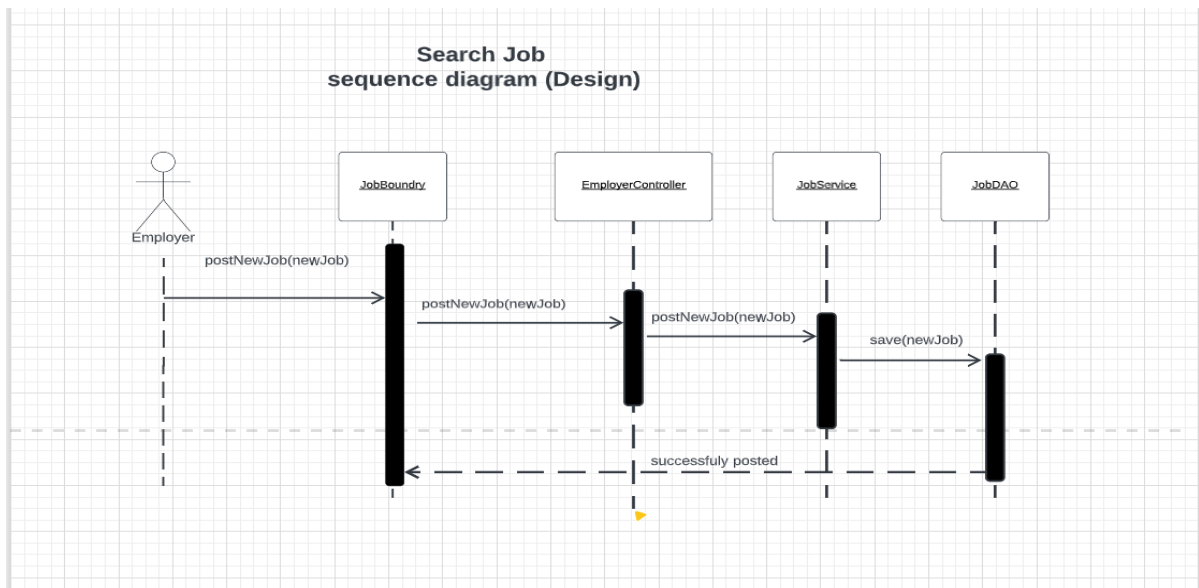
User Action	System Response
Employer click the post job button to add jobs	System redirect to the page where he can fill the form
Employer fill the new Job details in the form that is provided by the system	System saves the filled details about the new job
Employer click the save button	System put the details in the card and post in the main page
Employer click the log-out button	System will log-out the user from the system



Architecture Diagram Job Hunter



Search Job Sequence Diagram Job Hunter (Design)



Class Diagram Job Hunter (Design)

Job Hunter Class Diagram (Design)

