
System Requirements Specification Index

For

Campus Recruiter Application

Version 1.0

IIHT Pvt. Ltd.
fullstack@iiht.com

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1 BUSINESS-REQUIREMENT:

1.1 PROBLEM STATEMENT:

The purpose of this application is to provide all companies in a college a platform to register all open placements drives. Where they can add, edit and delete their drives.

1.1.1 Campus Recruiter Application:

The Campus Recruiter Application allows you to:

1. Access home page
2. Should be able to add a new recruiter.
3. It can have basic fields like companyName, salary, jobDescription, location, eligibility and totaRequirement.
4. Should be able to get the list of recruiters.
5. Should be able to edit and delete any recruiter.
6. Should be able to search any recruiter.

2. TEMPLATE CODE STRUCTURE:

2.1 RECRUITER CONTROLLER

Method Exposed	Purpose
listRecruiters()	Should return page "list-recruiters" with required data.
showFormForAdd()	Should return page "add-recruiter-form" for adding a recruiter.
saveRecruiter()	Should save a recruiter and return "recruiter/list" with required data.
showFormForUpdate()	Should show recruiter details in page "update-recruiter-form" to edit a recruiter.
deleteRecruiter()	Should delete a recruiter and return "recruiter/list" with required data.
searchRecruiters()	Should search a recruiter and return "list-recruiters" with required data.

3. RESOURCES AVAILABLE:

Description	View Pages Name	Remarks
Common UI		
Home Page	list-recruiters	Contains a homepage which shows a list of all recruiters along with options to add, edit , delete and search a recruiters.
All recruiters	list-recruiters	
Add a recruiter	add-recruiter-form	
Update a recruiter	update-recruiter-form	
Search a recruiter	list-recruiters	

3 SUGGESTED WIREFRAMES:

1. Homepage – Visitor Landing Page

localhost:8081/recruiter/list

[Insurance Policy List](#)

Search By Name

#	Company Name	Salary(In CTC)	Job Designation	Job Description	Place of joining	Eligibility	No. of Requirement	Action
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2. Create a Recruiter

localhost:8081/recruiter/addRecruiterForm

Recruiter Management

Add Recruiter

Company Name:

Salary(In CTC):

Job Designation:

Job Description:

Place of joining:

Eligibility:

No. of Requirement:

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Recruiter Management

Add Recruiter

Company Name:

Salary(In CTC):

Job Designation:

Job Description:

Place of joining:

Eligibility:

No. of Requirement:

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[Insurance Policy List](#)

Add Recruiter

Search By Name

Search

#	Company Name	Salary(In CTC)	Job Designation	Job Description	Place of joining	Eligibility	No. of Requirement	Action
1	ABC	20000.0 LPA	PQR	XYZ	GHI	JKL	2	Update Delete

BUSINESS VALIDATIONS

1. Id must be of type id.
2. First name value not blank, min 2 and max 40 characters.
3. Last name value not blank, min 2 and max 40 characters.
4. Email value not blank and of type email.
5. Mobile number not blank.
6. State not blank.
7. City not blank.
8. Blood group not blank and min 1 and max 4 characters.

4 CONSIDERATIONS

The Code template already contains skeleton methods for service and controller layer. Please write your logic in it.

5 EXECUTION STEPS TO FOLLOW

1. All actions like build, compile, running application, running test cases will be through Command Terminal.
2. To open the command terminal the test takers, need to go to Application menu
(Three horizontal lines at left top) → Terminal → New Terminal
3. To build your project use command:
mvn clean package -Dmaven.test.skip
4. To launch your application:
java -jar <your application war file name>
5. This editor Auto Saves the code
6. If you want to exit(logout) and continue the coding later anytime (using Save & Exit option on Assessment Landing Page) then you need to use **CTRL+Shift+B**-command compulsorily on code IDE. This will push or save the updated contents in the internal git/repository. Else the code will not be available in the next login.
7. These are time bound assessments the timer would stop if you logout and while logging in back using the same credentials the timer would resume from the same time it was stopped from the previous logout.
8. To test any Restful application, the last option on the left panel of IDE, you can find ThunderClient, which is the lightweight equivalent of POSTMAN.
9. This is a web-based application, to run the application on a browser, use the internal browser in the workspace. Click on the second last option on the left panel of IDE, you can find Browser Preview, where you can launch the application.
Note: The application will not run in the local browser
10. Default credentials for MySQL:
 - a. Username: **root**
 - b. Password: **pass@word1**
11. To login to mysql instance: Open new terminal and use following command:
 - a. **sudo systemctl enable mysql**
 - b. **sudo systemctl start mysql**

c. **mysql -u root -p**

The last command will ask for password which is '**pass@word1**'

12. Mandatory: Before final submission run the following command:

mvn test

13. You need to use **CTRL+Shift+B** - command compulsorily on code IDE, before final submission as well. This will push or save the updated contents in the internal git/repository, and will be used to evaluate the code quality.