

JOB PORTAL

IIHT

Time To Complete: 2 hr

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1 PROBLEM STATEMENT

"Job Portal" is a Single Page Application (SPA) that empowers admin to create jobs with different details and users to see all available jobs along with the option to filter out any job as per location and type.

2 PROPOSED JOB PORTAL WIREFRAME

UI needs improvisation and modification as per given use case and to make test cases passed.

2.1 WELCOME PAGE

Job Search Portal

Create a Job

Title:

Company:

Location:

Type:

Description:

Job Listings

Location: Job Type:

- **Job Title:** Frontend Developer
Location: Hyderabad
Job Type: Full-Time
Description: We are looking for a skilled Frontend Developer to join our team...
- **Job Title:** UX/UI Designer
Location: Gurgaon
Job Type: Contract
Description: DesignHub is seeking a talented UX/UI Designer to work on exciting projects...

Job Search Portal

Create a Job

Title:

Company:

Location:

Type:

Description:

Create Job

Job Listings

Location: Job Type:

- **Job Title:** Frontend Developer
Location: Hyderabad
Job Type: Full-Time
Description: We are looking for a skilled Frontend Developer to join our team...

Job Search Portal

Create a Job

Title:

Company:

Location:

Type:

Description:

Create Job

Job Listings

Location: Job Type:

3 BUSINESS-REQUIREMENT:

As an application developer, develop the Job Portal (Single Page App) with below guidelines:

User Story #	User Story Name	User Story
US_01	Welcome Page	<p>As a user I should be able to visit the welcome page as default page.</p> <p>Acceptance criteria:</p> <ol style="list-style-type: none">1. Users should be able to see a form to create a job.2. Users should be able to see all jobs.3. A job must have fields like title, company, location, type and description fields.4. There should be a button "Create Job".5. There should be 2 fields Location and Type to filter out jobs as per entered location and type.

4 VALIDATIONS

- All required fields must be fulfilled with valid data.
- Type of job must be either Full-Time, Part-Time or Contract.
- In the starting "Create Job" button should be disabled.
- Only after validating fields, "Create Job" button should be enabled.

5 CONSTRAINTS

- You should be able to press the “TAB” key and “SHIFT + TAB” to navigate from top field to bottom field and vice-versa.
- On clicking the “Create Job” button, the particular entered job must be created and shown in the list below it.

6 MANDATORY ASSESSMENT GUIDELINES

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. This editor Auto Saves the code.
4. 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.
5. 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.
6. 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.
7. 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
8. You can follow series of command to setup React environment once you are in your project-name folder:

- a. npm install -> Will install all dependencies -> takes 10 to 15 min

- b. `npm run start` -> To compile and deploy the project in browser. You can press <Ctrl> key while clicking on localhost:8080/8081 to open project in browser -> takes 2 to 3 min
 - c. `npm run test` -> to run all test cases. **It is mandatory to run this command before submission of workspace** -> takes 5 to 6 min
9. You may also run “`npm run jest`” while developing the solution to re-factor the code to pass the test-cases.
10. Once you are done with development and ready with submission, you may navigate to the previous tab and submit the workspace. It is mandatory to click on **“Submit Assessment”** after you are done with code.
11. 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.