

# JOB PORTAL APPLICATION

IIHT

Time To Complete: 10 to 12 hr

## CONTENTS

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1	Problem Statement	3
2	Proposed Job Portal Application Wireframe	4
2.1	Welcome page	4
3	Business-Requirement:	5
4	Constraints	5
5	Mandatory Assessment Guidelines	6

## **1 PROBLEM STATEMENT**

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"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 APPLICATION WIREFRAME

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


### 2.1 WELCOME PAGE



The wireframe shows a web browser window with the URL 'localhost:4200/'. The page content includes the title 'Job Portal', a subtitle 'Job Portal', a link 'Add Job', a table with headers 'Title', 'Description', 'Salary', 'Location', 'Type', and 'Add Job', a section 'Search Jobs' with a search input field, and a section 'List of Jobs'.

Title	Description	Salary	Location	Type	Add Job
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### 2.2 SCREENSHOTS



The wireframe shows a web browser window with the URL 'localhost:4200/'. The page content includes the title 'Job Portal', a subtitle 'Job Portal', a link 'Add Job', a table with headers 'Title', 'Description', 'Salary', 'Location', 'Type', and 'Add Job', a section 'Search Jobs' with a search input field, and a section 'List of Jobs'.

Title	Description	Salary	Location	Type	Add Job
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. MERN Stack

Description: Mern engineer

Salary: 1200000

Location: Noida

Type: Full Time

Edit Delete

Job Portal

Job Portal

Add Job

Title	Description	Salary	Location	Type	Add Job
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Search Jobs

Search Jobs

List of Jobs

. MERN Stack

Description: Mern engineer

Salary: 1200000

Location: Noida

Type: Full Time

Edit Delete

Edit Job

MERN Stack	Mern engineer	1200000	Noida	Full Time	Save Cancel
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### 3 BUSINESS-REQUIREMENT:

As an application developer, develop the Job Portal Application (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"> <li>1. Users can see the list of all listed jobs.</li> <li>2. Users should see the Edit and Delete button in each listed job to edit and delete it.</li> <li>3. Users should be able to see the Add Job button to add a new job.</li> <li>4. There must be a text field to search any job also.</li> </ol>

## 4 CONSTRAINTS

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2. You should be able to press the “TAB” key and “SHIFT + TAB” to navigate from top field to bottom field and vice-versa.
3. By default the “Add Job” button should be disabled. Only after validating all fields should it be enabled.
4. By default the “Save Job” button should be disabled.

## 5 MANDATORY ASSESSMENT GUIDELINES

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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. 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**
7. You can follow series of command to setup Angular 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 the <Ctrl> key while clicking on localhost:4200 to open the project in the browser -> takes 2 to 3 min.
  - c. `npm run jest` -> to run all test cases and check summary. takes 5 to 6 min.
  - d. `npm run test` -> to run all test cases. **It is mandatory to run this command before submission of workspace** -> takes 5 to 6 min.
8. 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.
9. 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.