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TopJobs

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# 1. Problem Statement

**TopJobs** Inc. is a company that renders recruitment services in the US. With a network of more than 30 offices nationwide, the company specializes in the areas of accounting, finance, sales, marketing, information technology, and engineering. It has tie-ups with the employers from various sectors. The company provides services for full-time, part-time, and contractual employment. At present, TopJops advertises the new vacancies in the print media. TopJobs also has a website that is updated with vacancy details. The website also enables jobseekers to upload their resumes.

**Backend**: Although the backend development process can be completed by Java, .NET, Node.Js or any other backend programming language. Here You should use json-server as backend server. Json-server is npm package and uses a json file as a database.

The scope includes developing the application using the tool chain mentioned below.

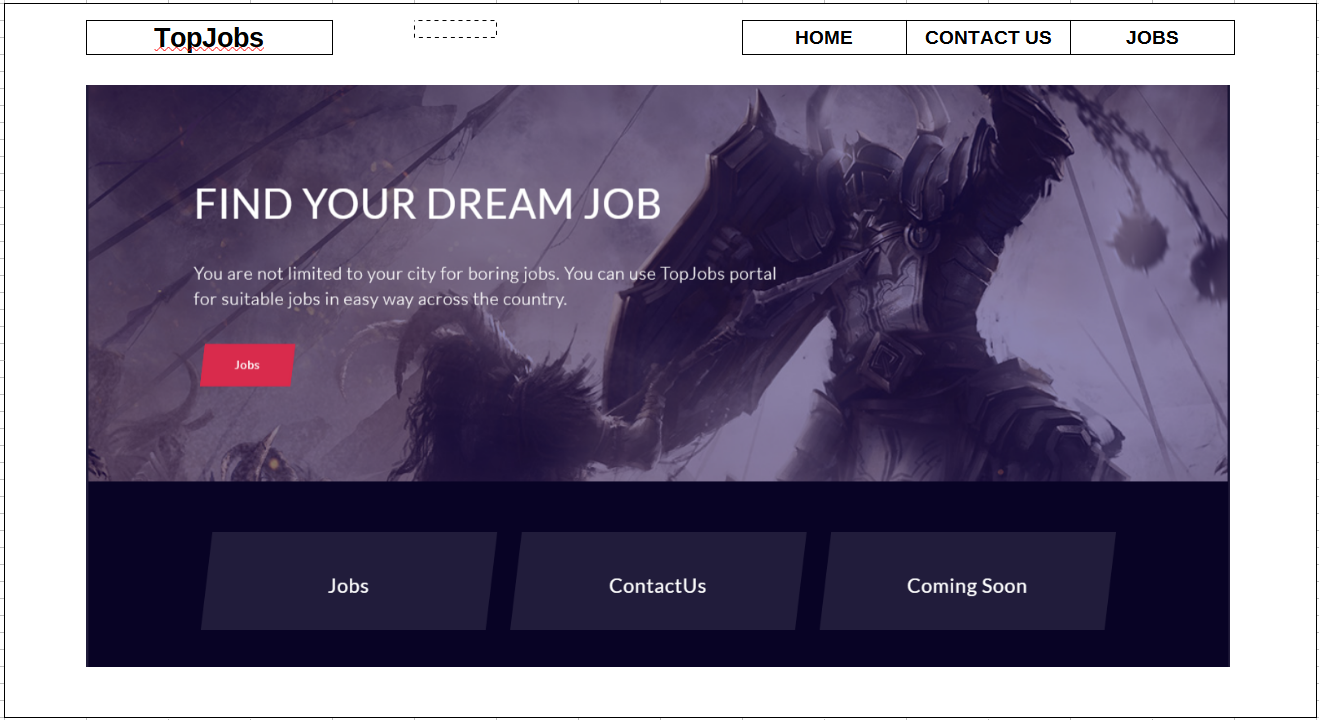
# 2. Business Requirements

|  |  |  |
| --- | --- | --- |
| **User Story #** | **User Story Name** | **User Story** |
| US\_01 | Navbar | As a user, I can click links given in navbar.  Acceptance criteria:   * Navbar should be visible on each page. * Navbar should contain a logo with TopJobs(text). When this logo is clicked, it should goto Home Page. * Navbar should contain HOME, CONTACT\_US and JOBS * When I click HOME, CONTACT US and JOBS link, it should goto HOME, CONTACT US and JOBS page respectively. |
| US\_02 | HomePage | As a user, I can visit home page  Acceptance criteria:   * Home page contains a carousel with at least 3 images. * Each image contains its own title and description.   + Use any image which you like. * Home page should contain 3 buttons or links   + Jobs   + ContactUs   + ComingSoon (not a link) |
| US\_03 | JobsPage | As a user,  I can visit jobs page and see all jobs as card view.  I can click on job and go to apply job page.  Acceptance criteria:   * Each job should contain Job id, job role, company, expected experience, salary, location. * When I click on job, I should visit apply job page and job\_id should be available on apply job page. |
| US\_04 | Apply for Job | As a user   * I can submit the form by clicking apply button and save details in database.   + Use json-server for fake rest apis   Acceptance criteria:   * Apply form should contain below input boxes   + Name   + Email   + Phone   + Address   + Experience * Below validations should be applied on the form   + Name should not contain special characters and numbers. Name is required field.   + Email should be a valid email id. Email is required field.   + Phone should be 10 digit mobile number. Phone is required field.   + Address is optional.   + Experience can not be less than 10 characters and more than 150 characters. It is required field. * When validation fails, valid error message(s) should be visible on the page. * When form data is valid save details with job\_id in database(json-server), and show a valid message and go to jobs page. |
| US\_05 | ContactUs Page | As a user, I can visit contact us page which contains TopJobs address, phones and email.  Acceptance criteria:   * Address, Phones and Email to be used on the page are given in ContentForPages section in this document. |
| US\_06 | GetInTouch Form | As a user   * I can see get in touch form on contact us page. * I can share my thoughts or queries via get in touch form. * I can submit the form and save details in database.   + Use json-server for fake rest apis   Acceptance criteria:   * GetInTouch form should contain name, email, phone and message fields with below validations:   + Name should not contain special characters and numbers.   + Email should be a valid email id.   + Phone should be 10 digit mobile number.   + Message can not be less than 10 characters and more than 150 characters. * When validation fails, valid error message(s) should be visible on the page. * When validation is successful, save data in database (json-server) and show a valid message.   **Sample Json structure**  **{**  **“name” :”name”,**  **“emailId”:”Sample Email Address”,**  **“phone” :”12343243243”,**  **“message”:”Sample message”**  **}**  **Note: The sample mocked Json structure feel free to modify** |

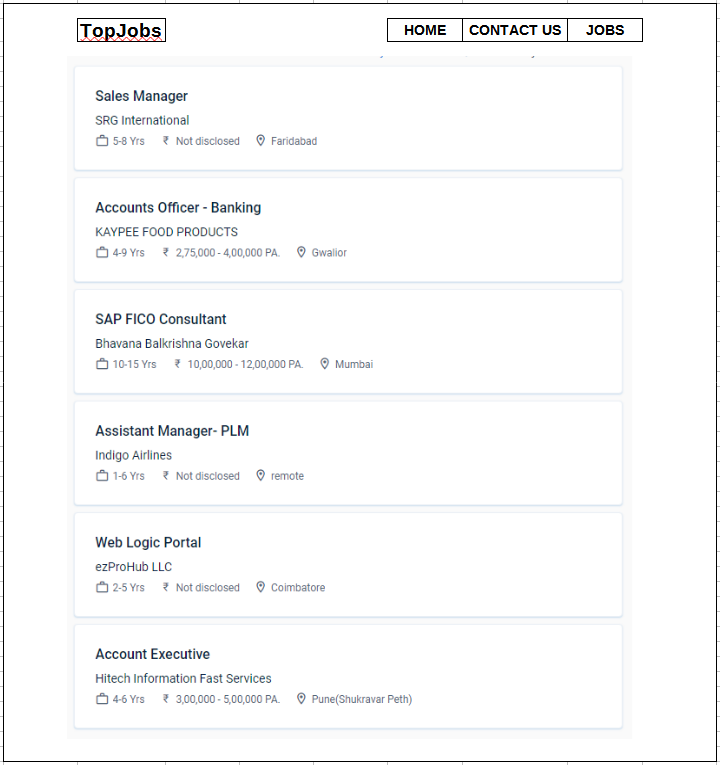
# 3. Wireframes

Below are the expected wireframes for the pages. UI needs improvisation and modification as per given use case. You can download and use any image of your choice for the application.

## 3.1 Home page



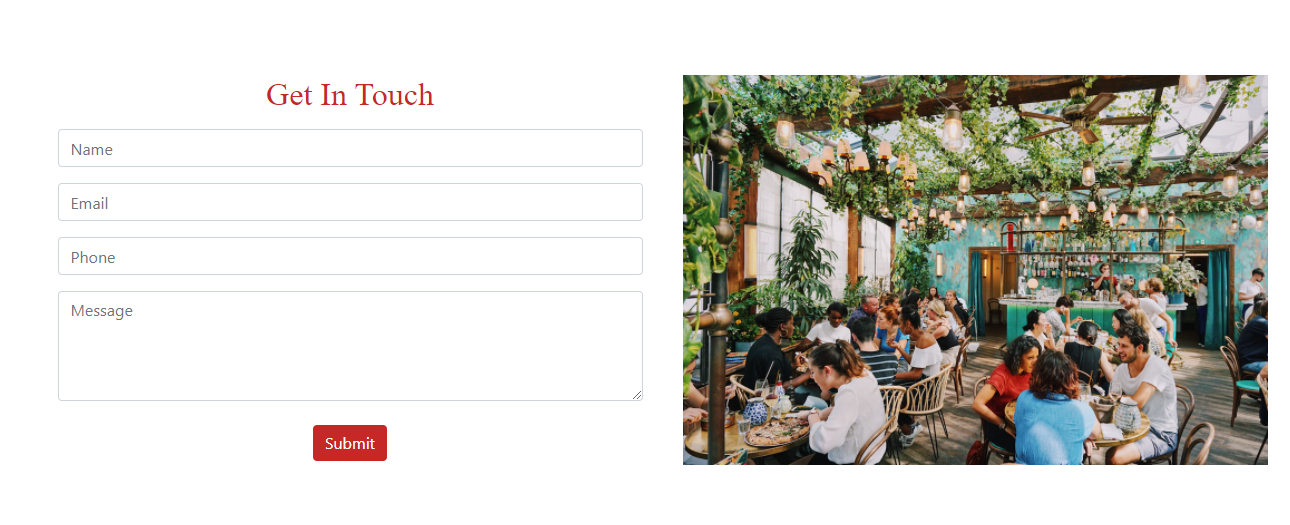
## 3.2 Jobs page



## 3.3 Apply Job

Use your improvisations to create apply job form.

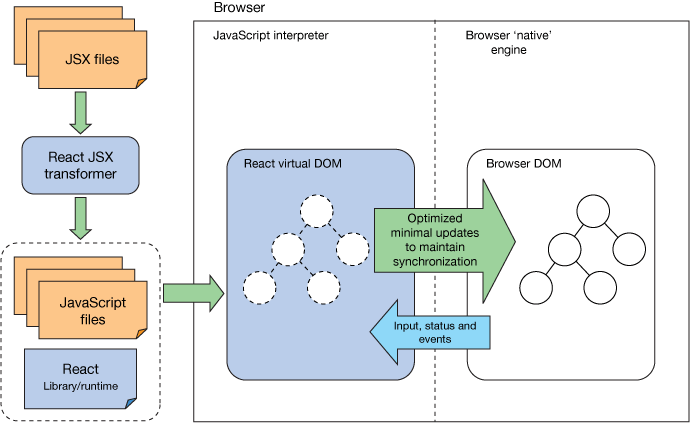
## 3.4 GetInTouch form on ContactUs page



# 4. Contents for pages

|  |
| --- |
| {  "contactData": {  "address": "123 Park Avenue C, AK Marg, Delhi, India",  "phone": [  "(91) 987 654 3210",  "(91) 987 654 3211"  ],  "email": "contact@topjobs.com"  }  } |

# 5. Application architecture

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# 6. Tool Chain

|  |  |  |
| --- | --- | --- |
| **Competency** | **Skill** | **Skill Detail** |
| Backend | Application Language | Json-server |
| Products & Frameworks | Presentation | Reactjs, Redux |
|  |  | React Bootstrap |
|  | Governance & Tooling | Git |
|  | Testing | Jest |

# 7. Rest endpoints to be used

|  |  |  |
| --- | --- | --- |
| **HttpMethod** | **Endpoint** | **Description** |
| POST | https://localhost:3000/api/v1/messages  payload: {name, email, phone, message} | Send ajax request to json-server to submit thought or query |
| POST | https://localhost:3000/api/v1/applications  payload: {name, email, phone, address, experience, job\_id} | Send ajax request to json-server to submit job application |

# 8. Responsive requirements:

* + - 1. Application should be responsive which means the screen layout will adjust on mobile and Tab screen without element overlap
      2. Application should run on browsers
      3. When running on mobile browser, screen should not have horizontal scrollbar
      4. In mobile screen single column layout should be used

# 9. Key rubrics (Expected deliverables)

1. Develop a single page application
2. Ensure standard structure for project
3. Manage global file for shared variable
4. Use suitable data type assign for variable
5. Unit testing should be done properly.
6. Generate code coverage report and attach in final submission.

# 10. Methodology: Agile

1. As an application developer, use project management tool along to update progress as you start implementing solution.
2. As an application developer specify the estimation and planning as a part of Agile process.
3. As an application developer, the scope of discussion with mentor is limited to:
   * Q/A
   * New Ideas, New feature implementations and estimation.
   * Any development related challenges
   * Skill Gaps
   * Any other key pointers to UI/UX and Middleware Development

# 11. Resource links

Icons : <https://icons8.com/icons>

Images : [Images links](https://www.google.com/search?q=restaurant+food+images+free+download&sxsrf=ALiCzsY6gxKiFODUCF5uM6a3T3hUER3dtA%3A1670846575501&ei=bxiXY6qiHoSL8QPv24rYDA&oq=restaurant+images++downloads&gs_lcp=Cgxnd3Mtd2l6LXNlcnAQARgBMgcIABCABBANMggIABAIEB4QDTIICAAQCBAeEA0yCAgAEAgQHhANMggIABAIEB4QDTIICAAQCBAeEA06CggAEEcQ1gQQsAM6CgghEMMEEAoQoAE6BAghEAo6BQgAEKIESgQIQRgASgQIRhgAUJsOWM5oYPt7aANwAXgAgAHUAYgBnQuSAQYwLjEwLjGYAQCgAQHIAQjAAQE&sclient=gws-wiz-serp)

Fonts : [https://www.1001freefonts.com](https://www.1001freefonts.com/)