



# Intern Software Engineer Entry Test

You are required to implement a **Full stack web app with CRUD operations** described by the specifications below.

## Note:

- Time limit: **2 days**
- You can use **CSS, Bootstrap, Material UI or any other CSS framework** for styling
- You have to build the project inside 2 folders called **frontend** and **backend**
- All React components should be functional components.
- You can use **Axios** or any other dependency, in-build methods for API requests.
- Tech stack should be **React.js, Node.js, Express** and **MongoDB** (MERN stack).
- **MongoDB Atlas** should be used for cloud data storage

Link: <https://www.mongodb.com/cloud/atlas>

**The application developed will help the user to keep track of recipes he or she has cooked,**

- When a user comes to the home page, there should be a navigation bar. The navigation bar should be in a separate functional component and imported to app.js(or main) file.
- In the home page, all the recipes the user has entered should be shown as a table or cards. There should be 2 buttons to delete and edit for each recipe.
- There should be a “**Add a recipe**” button for the user to add a new recipe. You can use a modal or a separate page to get input from the user. There should be recipe name, ingredients, description as form inputs and a button to save these values.
- When a user clicks a recipe in the home page, it should be redirected to a separate page and display all the details of that recipe on that page.
- When a user clicks the delete button, an Alert should be displayed asking “**Are you sure you want to delete the recipe?**”. If the user clicks “**OK**”, it should be deleted from the database and the web page should be automatically refreshed.
- If a user clicks the “**Edit**” button, the website should be redirected to a new page with the recipe values and those values should be displayed on the form for the user to edit the recipe.
- There should be a button inside the navigation bar called “**Refresh page**” which refreshes the web page manually.
- **ID, Recipe name, Ingredients, Description** should be used as entities for the database.

### Marking Scheme:

Below factors will be taken into account when marking the assessment:

- Code readability (structure, comments, variable naming, etc,)
- Implementation
- Styling (If you have followed the latest styling trends)
- User Experience
- If you have used Redux for state management, it will be an extra benefit for you.

### Submission of the assignment:

You can use one of the following 2 methods for submission:

- Create a zip folder with both “Frontend” and “Backend” project folders (**without node modules**) and upload the zip into google drive and share the link with “access for all with the link” option and email the link to the following email with your name
- Create a repository on GitHub and push both frontend and backend projects and send links to the following email with your name (**This method will give you an extra benefit**)

Email: [careers@code94labs.com](mailto:careers@code94labs.com)

