

*The main reason behind the test is to understand your coding style and evaluate skills.  
Any additional notes or suggestions to make flow better will be appreciated.*

## **Practical: React**

*You can choose anyone from the test from below.*

### **Task 1: Address Book**

Use React and Redux, any CSS framework of your choice.  
Landing page should list all contacts with filter options.  
Show proper message when no items available.  
Should have bottom floating/fixed button for add new contact  
Adding contact should open a new page asking

- Name
- Cell no
- Email address
- Notes

Store data in local storage.  
Add relevant validations on submit.  
Should have the ability to remove and update existing contacts.  
Use routing for add/edit and listing pages.

### **Task 2: Create a Simple Calculator**

Use the React and Redux, any CSS framework of your choice or just plain CSS.  
Create a calculator with real look and feel of a calculator with basic operations like the input of numbers, addition, subtraction, division and multiplication with proper error handling.

### **Task 3: Create a Firebase based CRUD app**

Use React, Redux and Firebase, plain CSS/CSS framework on no styling is acceptable  
Create a simple app with a list, add/ edit page which will get/ set/ remove data to/from firebase.  
Form validations is a must.  
Use routing for add/edit and listing pages.

### **Task 4: Create Review app**

Use React, Redux, Redux Form and React Router  
Create a simple generic review app which can be used by any service based company.  
Present users with a simple form which collects name/email/phone and star based reviews for their service and comments if a user wants to leave.

*Also please share what was to easiest and toughest part while implementing the task.  
If you have any doubt in understanding the requirements feel free to ask us.*

Another page will show all reviews received and collective average stars for their service. Store data in local storage or firebase.