

## React JS Coding Task

### Instructions:

1. Make a [GitHub](#) public repository containing source code.
2. You have to submit the Github link of the repository & a short screen recording of the working application. Share the screen recording via a [Google Drive](#) link.
3. Submit the Github & Google Drive link, and fill in the relevant details, in this Google Form: <https://forms.gle/ddEhJhtchdjHU6AKA>

### Evaluation Criteria:

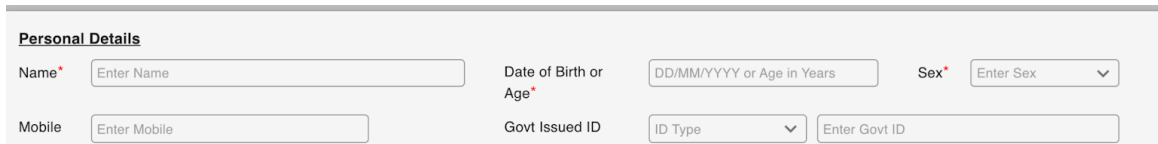
1. Code Quality & Structure must be Production Graded.
2. Effective Usage of mentioned frameworks.
3. Bonus points for exceptional UI/UX design and error handling.

### Requirements:

- a) Using [ReactJS](#) & [Redux](#), create a **Two-Step** User Registration Form.  
 Use [Material-UI](#) to make UI components.  
 Use [TypeScript](#) to make types.  
 Use [React Hook Form](#) to make the form.  
 Use [Yup](#) for form validation.

b) **Step-1 Form:**

#### **Personal Details**



- Show a NEXT button below this form. When button is clicked, perform [Yup](#) validation, then proceed to Step-2 only if form data is valid. If [Yup](#) validation fails, display appropriate error messages.

Field	Element	Yup Validation
Name	text	Required, Min 3 characters
Age	text	Required, Positive Integer
Sex	select	Required, Oneof ["Male", "Female"]
Mobile	text	Valid Indian Mobile Number
Govt Issued ID Type	select	Oneof ["Aadhar", "PAN"]
Govt Issued Id	text	For "Aadhar", It should have 12 numeric digits and should not start with 0 and 1.

		For "PAN", It should be ten-character long alpha-numeric string.
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c) **Step-2 Form:**  
**Address Detail**

**Address Details**

Address 
State 
City

Country 
Pincode

- Show a SUBMIT button below this form. When button is clicked, perform [Yup](#) validation, then submit only if Step-2 is valid. If [Yup](#) validation fails, display appropriate error messages.

Field	Element	Yup Validation / Remark
Address	text	Optional
State	text	Optional
City	text	Optional
Country	text	When user starts typing, show country options filtered from API <a href="https://restcountries.com/#endpoints-name">https://restcountries.com/#endpoints-name</a>
Pincode	text	Optional, Numeric only

d) **Datatables List:**

Show a table below the form always (in both Step-1 & Step-2 mode) using [Datatables.net](#) to show the SUBMITTED users.

When SUBMIT is clicked, save the submitted user in Redux and automatically display the new row in the [Datatable](#).

(A sample Datatables UI screenshot is shown below.)

Show

25 rows

▼

entries

Excel

Print

Search:

OPD No.	Invoice Date	Invoice No.	UHID	Patient Name	Age/Sex	Mobile	Address	Qty	Amount
20220915000001	2022-09-15 11:00 AM	20220915000001	20220915000001	ROOPRANI	70Y / F	9780123456789	VILLAGE KHASBARA POST RAJPUR THASIL SIKANDRA JILLA KANPUR DEHAT, Uttar Pradesh (209115)	1.00	5000.00
20220915000002	2022-09-15 11:00 AM	20220915000002	20220915000002	USHA AMULANI	50Y / F	7890123456789	63 LIG BARRA 3 KANPUR NAGAR, Uttar Pradesh	1.00	5000.00
20220915000003	2022-09-15 11:00 AM	20220915000003	20220915000003	SARITA YADAV	35Y / M	7890123456789	35 KISHAN NAGAR KANPUR, Uttar Pradesh	1.00	5000.00
20220915000004	2022-09-15 11:00 AM	20220915000004	20220915000004	ARADHNA SRIVASTAVA	40Y / F	9780123456789	147 AMBEDKAR NAGAR GUJAINI KANPUR NAGAR, Uttar Pradesh, India (208022)	1.00	5000.00
20220915000005	2022-09-15 11:00 AM	20220915000005	20220915000005	ASHOK KUMAR MISHRA	63Y / M	9780123456789	29 MIG MAIN ROAD BARRA 7 KANPUR NAGAR, Uttar Pradesh	1.00	1500.00

Feel free to reach out for clarification or additional information (via Indeed Chat). Good luck!