

React Native Test.Tasks:

1. API Fetching Test

- Fetch a list of users from:
<https://jsonplaceholder.typicode.com/users>
- Add **loading and error handling** for API fetch.
- Display them in a **FlatList** with the following:
 - User name
 - User email

2. Custom Hook – useNetworkStatus

- Create a **custom hook** useNetworkStatus that:
 - Returns true if device is online
 - Returns false if offline
- Show a banner or text in the app:
 - “ Online” when connected
 - “ Offline” when disconnected

3. Navigation Test

- Use **React Navigation**.
- Create **two screens**:
 - HomeScreen
 - DetailsScreen
- From HomeScreen, pass user details (from the API list) to DetailsScreen.
- Display those details on DetailsScreen.

4. Form Handling (Login Screen)

- Create a **Login form** with:
 - Email input
 - Password input
- Add validation:
 - Email must be valid (use regex or simple includes ("@"))
 - Password must be at least 6 characters
- Show error messages if invalid.
- If valid, navigate to HomeScreen.

5. State Management

Login & Logout Handling using Redux

- Store isAuthenticated flag in **global state**.
- When user logs in, set isAuthenticated: true and store user details (e.g., email).
- Show Logout button on HomeScreen.
- On logout:
 - Reset state (isAuthenticated: false, clear user data, reset counter).
 - Navigate back to LoginScreen.



Deliverables

- A working React Native CLI project.
- Upload to **GitHub** and share the repo link.
- Include video of running app.