

Problem Statement: Multi-Step User Registration Form with `useReducer`

Objective:

Develop a multi-step user registration form using the `useReducer` hook. The form should have the following three steps:

1. **Personal Details**
2. **Account Details**
3. **Confirmation**

Requirements:

1. Personal Details Step

- Fields to include:
 - First Name
 - Last Name
 - Date of Birth

2. Account Details Step

- Fields to include:
 - Email
 - Password
 - Confirm Password

3. Confirmation Step

- Display the data entered by the user in the previous steps for review.
- Provide options for the user to confirm their details or navigate back to edit.

4. State and Reducer Setup:

- Set up a state with `useReducer` that will store user data and the current step.
- Design actions for:
 - Navigating to the next step
 - Navigating to the previous step
 - Updating user data
- The reducer should handle the actions and return the updated state.

5. Navigation:

- Implement 'Next' and 'Back' buttons to navigate between the steps using dispatched actions.
- Ensure users can't proceed to the next step without completing the current one.

6. Validation:

- Ensure all fields are appropriately validated before dispatching the action to proceed to the next step.

Wireframe:

Personal Details

The wireframe depicts a web browser window titled "A Web Page". The address bar contains "http://". The main content area features a "Registration Form" with a "Personal Details" section. This section includes input fields for "First Name" and "Last Name", a "Date of Birth" field with a calendar icon, and a "Next - Account Details" button. A large "DCT Academy" watermark is visible across the page.

A Web Page

http://


Registration Form

Personal Details

First Name

Last Name

Date of Birth

Next - Account Details

Account Details

A Web Page

http://

Registration Form

Account Details

Email





Password

Confirm Password


[Back - Personal Details](#) [Next - Confirmation](#)

Confirmation

A Web Page



http://



Registration Form

Confirmation

Personal Details

First Name - first name goes here
Last Name - last name goes here
Date of Birth - dob goes here

Account Details

Email - email goes here
Password - password goes here

Back - Account Details

Submit