Problem Statement: Multi-Step User Registration Form with useReducer

Objective:

Develop a multi-step user registration form using the <u>useReducer</u> 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

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

3. Confirmation Step

- o 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:

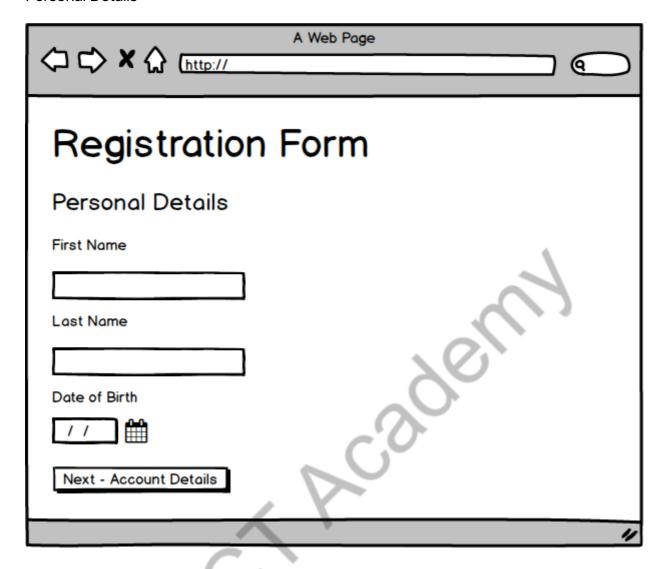
- Implement 'Next' and 'Back' buttons to navigate between the steps using dispatched actions.
- Ensure users can't proceed to the next step without completing the current one.

6. Validation:

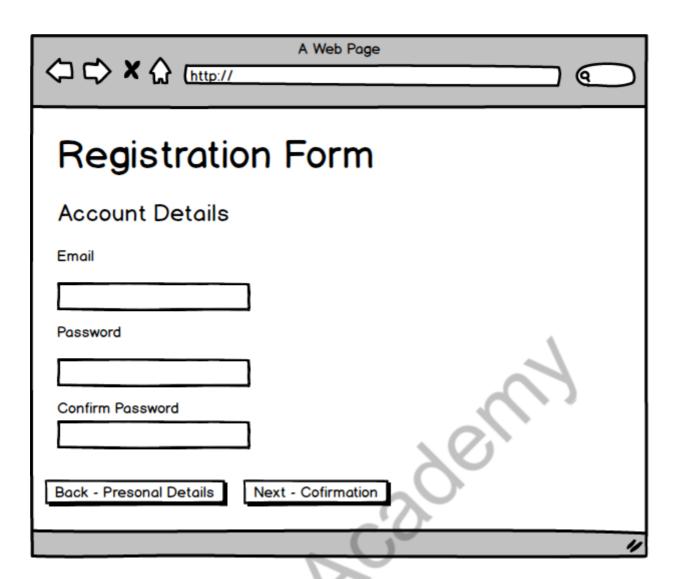
• Ensure all fields are appropriately validated before dispatching the action to proceed to the next step.

Wireframe:

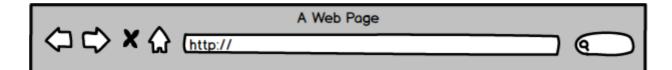
Personal Details



Account Details



Confirmation



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

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