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Exercise (Instructions): Controlled Forms

Objectives and Outcomes

In this exercise you will learn about using controlled components to design controlled forms in your React application. At the end of this exercise you will be able to:

• Design a controlled form in your React application.

Importing the Necessary Components

• You will start out by importing the necessary components from reactstrap into *ContactComponent.js* as follows:

```
inport React, { Component } from 'react';
import { Breadcrumb, BreadcrumbIten,
Button, Form, FormGroup, Label, Input, Col } from 'reactstrap';

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```

• You will then change the ContactComponent to a class-based component as follows:

Creating the Controlled Form

• Update the ContactComponent.js file as follows to set up the Controlled Form:

```
constructor(props) {
    super(props);
    super(props);

    this.state = {
        firstname: '',
        lastname: '',
        learne: 'aspect false,
        contactType: 'Tel.',
        email:
        agree: false,
        contactType: 'Tel.',
        emessage: '
        this.handleInputChange = this.handleInputChange.bind(this);
        this.handleSubmit = this.handleSubmit.bind(this);

        this.handleInputChange(event) {
        const target = event.target;
        const value = target.type === 'checkbox' ? target.checked : target.value ;
        const name = target.name;

        this.setState({
            [name]: value
        });
    }

    handleSubmit(event) {
        console.log('current State is: ' + JSON.stringify(this.state));
        alert('current State is: ' + JSON.stringify(this.state));
        event.preventDefault();
    }
}
```

• Then add the controlled form to it as follows:

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```

Save all changes and do a Git commit with the message "Controlled Forms".

Conclusions

In this exercise you have learnt to create a controlled form within your React application.

