Src/components/

App.js

import React from 'react';

import './App.css';

class App extends React.Component{

constructor(props){

super(props);

this.state = {

Name: "",

Address: "",

Phone: "",

Email: "",

results:{},

}

}

handleOnChange = (event) =>{

this.setState(({

Name: event.target.value,

}))

}

handleOnChangeAddress = (event) =>{

this.setState(({

Address: event.target.value,

}))

}

handleOnChangePhone = (event) => {

this.setState(({

Phone: event.target.value,

}))

}

handleOnChangeEmail = (event) => {

this.setState(({

Email: event.target.value,

}))

}

handleButtonClick = () => {

if(this.state.Name.length <= 0) {

return alert('name is mandatory!');

}

const phoneRegex = /^\d\*$/g;

if(this.state.Phone.length <= 0 || !this.state.Phone.match(phoneRegex)){

return alert('no valid number!');

}

const result ={

Name: this.state.Name,

Address: this.state.Address,

Phone: this.state.Phone,

Email: this.state.Email,

};

this.setState(({

results:result,

}))

}

render(){

return(

<React.Fragment>

<center>

<h2>Student Registration Form</h2>

<label for='name'>Name:&nbsp;&nbsp;&nbsp; </label>

<input type='text' id='name' value={this.state.Name} onChange={(event) => this.handleOnChange(event)}/><br/><br/>

<label for='address'>Address: </label>

<input type='text' id='address' value={this.state.Address} onChange={(event) => this.handleOnChangeAddress(event)}/><br/><br/>

<label for='phone'>Phone: &nbsp;&nbsp;</label>

<input type='text' id='phone' value={this.state.Phone} onChange={(event) => this.handleOnChangePhone(event)}/><br/><br/>

<label for='email'>Email: &nbsp;&nbsp;&nbsp;</label>

<input type='text' id='email' value={this.state.Email} onChange={(event => this.handleOnChangeEmail(event))}/><br/><br/>

<button onClick={this.handleButtonClick}>Submit</button>

</center>

<div>

{

Object.keys(this.state.results).length

? JSON.stringify(this.state.results)

: null

}

</div>

</React.Fragment>

)

}

}

export default App;