import axios from "axios";

import React, {Component} from "react"

export default class users extends Component {

state ={

isEditMode:false,

users:[],

userObject:{

id:"",

name:" ",

username:"",

email:" ",

address: {

street: "",

suite: "",

city: "",

zipcode: "",

geo: {

lat: "",

lng: "",

}

},

phone:"",

website:"",

},

};

// {

// "id": 1,

// "name": "Leanne Graham",

// "username": "Bret",

// "email": "Sincere@april.biz",

// "address": {

// "street": "Kulas Light",

// "suite": "Apt. 556",

// "city": "Gwenborough",

// "zipcode": "92998-3874",

// "geo": {

// "lat": "-37.3159",

// "lng": "81.1496"

// }

// },

// "phone": "1-770-736-8031 x56442",

// "website": "hildegard.org",

// "company": {

// "name": "Romaguera-Crona",

// "catchPhrase": "Multi-layered client-server neural-net",

// "bs": "harness real-time e-markets"

// }

// },

onDeleteClickHandler =(id) =>{

axios.delete("https://jsonplaceholder.typicode.com/users/" + id)

.then((response)=>{

console.log("response");

this.fetchData();

alert("Deleted");

});

};

onChangeHandler =(event)=>{

const{name , value}= event.target;

const userObjectCopy =this.state.userObject;

const addressCopy =this.state.address;

userObjectCopy[name]=value;

this.setState({userObject: userObjectCopy});

};

onEditClickHandler=(id)=>{

//get the specific object by id from list

const editObject = this.state.users.find((user)=> user.id === id);

if(editObject){

//set the object to state.postObject

this.setState({userObject: editObject , isEditMode:true});

};

}

resetState(){

this.setState({

userObject:{

id:"",

name:"",

username:"",

phone:"",

website:"",

email:"",

address: {

street: "",

suite: "",

city: "",

zipcode: "",

geo: {

lat: "",

lng: "",

}

},

},

isEditMode:false,

});

}

onCancleClickHandler=(event)=>{

event.preventDefault();

this.setState({

userObject:{

id:"",

name:"",

username:"",

phone:"",

website:"",

address: {

street: "",

suite: "",

city: "",

zipcode: "",

geo: {

lat: "",

lng: "",

}

},

email:" ",

},

isEditMode:false,

});

};

onFormSubmitClick=(event)=>{

event.preventDefault();

console.log(this.state);

if (this.state.isEditMode){

//edit

axios.put("https://jsonplaceholder.typicode.com/users/" +

this.state.userObject.id,

this.state.userObject

).then((response) => {

console.log(response);

this.fetchData();

alert("Updated");

this.resetState();

});

}

else{

//save

axios.post("https://jsonplaceholder.typicode.com/users",this.state.userObject).then

((response)=>{

console.log(response);

this.fetchData();

alert("Created");

this.setState({

userObject:{

id:"",

name:" ",

email:" ",

username:"",

address: {

street: "",

suite: "",

city: "",

zipcode: "",

geo: {

lat: "",

lng: "",

}

},

phone:"",

website:"",

},

})

})

}}

render(){

return(

<>

<h1> In Users</h1>

<form onSubmit={this.onFormSubmitClick} >

<label>ID :</label>

<input

name="id"

value={this.state.userObject.id}

onChange={this.onChangeHandler}

/>

<label>Name : </label>

<input

name="name"

value={this.state.userObject.name}

onChange={this.onChangeHandler}

/>

<label>Email : </label>

<input

name="email"

value={this.state.userObject.email}

onChange={this.onChangeHandler}

/><br/>

<label>UserName : </label>

<input

name="username"

value={this.state.userObject.username}

onChange={this.onChangeHandler}

/>

<label>Phone : </label>

<input

name="phone"

value={this.state.userObject.phone}

onChange={this.onChangeHandler}

/>

<label>Website : </label>

<input

name="website"

value={this.state.userObject.website}

onChange={this.onChangeHandler}

/><br/>

<label>Street : </label>

<input

name="street"

value={this.state.address.street}

onChange={this.onChangeHandler}

/>

<button type="submit" >{this.state.isEditMode ? "Update" : "Submit"}</button>

<button onClick={this.onCancleClickHandler} >Cancle</button><br/><br/>

</form>

{this.state.users.map((user, index) =>(

<div key ={index}>

<div>

{index+1}.{user.name}

</div>

<button onClick={()=>{

this.onDeleteClickHandler(user.id);

} }

>Delete</button>

<button onClick={()=>{

this.onEditClickHandler(user.id);

} }

>Edit</button>

<br/>

</div>

))}

</>

);

}

componentDidMount(){

this.fetchData();

}

fetchData() {

axios.get("https://jsonplaceholder.typicode.com/users").then((response) => {

console.log(response.data);

this.setState({ users: response.data });

});

}

}