import './../App1.css';

import { useState } from 'react';

function Formv() {

const [formData, setFormData] = useState({

username: '',

email: '',

password: '',

cpassword: '',

occupation: '',

gender: '',

languages: [],

})

const [formError, setFormError] = useState({})

const onChangeHandler = (event) => {

console.log(event)

if (event.target.name === 'languages') {

let copy = { ...formData }

if (event.target.checked) {

copy.languages.push(event.target.value)

} else {

copy.languages = copy.languages.filter(el => el !== event.target.value)

}

setFormData(copy)

} else {

setFormData(() => ({

...formData,

[event.target.name]: event.target.value

}))

}

}

const validateForm = () => {

let err = {}

if (formData.username === '') {

err.username = 'Username required!'

}

if (formData.email === '') {

err.email = 'Email required!'

} else {

let regex = /^\w+([\.-]?\w+)\*@\w+([\.-]?\w+)\*(\.\w{2,3})+$/

if (!regex.test(formData.email)) {

err.email = 'Email not valid!'

}

}

if (formData.password === '' || formData.cpassword === '') {

err.password = 'Password and Confirm Password required!'

} else {

if (formData.password !== formData.cpassword) {

err.password = 'Password not matched!'

} else {

if (formData.password.length < 6) {

err.password = 'Password should greater than 6 characters!'

}

}

}

if (formData.occupation === '') {

err.occupation = 'Occupation required!'

}

if (formData.gender === '') {

err.gender = 'Gender required!'

}

if (formData.languages.length < 1) {

err.languages = 'Any one language required!'

}

setFormError({ ...err })

return Object.keys(err).length < 1;

}

const onSubmitHandler = (event) => {

event.preventDefault()

console.log("Form Data:", formData)

let isValid = validateForm()

if (isValid) {

alert('Submitted')

//API call to server

} else {

alert('In-Valid Form')

}

console.log(isValid)

}

return (

<div className="App">

<form onSubmit={onSubmitHandler}>

<div className="form-group">

<label htmlFor="username" className="form-label">User Name</label>

<input className="form-control" name="username" onChange={onChangeHandler} value={formData.username} />

<span className='non-valid'>{formError.username}</span>

</div>

<div className="form-group">

<label htmlFor="email" className="form-label">Email</label>

<input className="form-control" name="email" onChange={onChangeHandler} value={formData.email} />

<span className='non-valid'>{formError.email}</span>

</div>

<div className="form-group">

<label htmlFor="password" className="form-label">Password</label>

<input className="form-control" name="password" onChange={onChangeHandler} value={formData.password} />

<span className='non-valid'>{formError.password}</span>

</div>

<div className="form-group">

<label htmlFor="cpassword" className="form-label">Confirm Password</label>

<input className="form-control" name="cpassword" onChange={onChangeHandler} value={formData.cpassword} />

</div>

<div className="form-group">

<label htmlFor="occupation" className="form-label">Occupation</label>

<select className="form-select" name="occupation" onChange={onChangeHandler} value={formData.occupation}>

<option value=""></option>

<option value="student">Student</option>

<option value="employee">Employee</option>

<option value="other">Other</option>

</select>

<span className='non-valid'>{formError.occupation}</span>

</div>

<div className="form-group">

<label htmlFor="gender" className="form-label">Gender</label>

<div>

<div>

<input type="radio" name="gender" value="male" onChange={onChangeHandler} checked={formData.gender === 'male'} />

<label htmlFor="male">Male</label>

</div>

<div>

<input type="radio" name="gender" value="female" onChange={onChangeHandler} checked={formData.gender === 'female'} />

<label htmlFor="female">Female</label>

</div>

<div>

<input type="radio" name="gender" value="other" onChange={onChangeHandler} checked={formData.gender === 'other'} />

<label htmlFor="other">Other</label>

</div>

<span className='non-valid'>{formError.gender}</span>

</div>

</div>

<div className="form-group">

<label htmlFor="gender" className="form-label">Languages</label>

<div>

<div>

<input type="checkbox" name="languages" value="html" onChange={onChangeHandler} checked={formData.languages.indexOf('html') !== -1} />

<label htmlFor="html">HTML</label>

</div>

<div>

<input type="checkbox" name="languages" value="css" onChange={onChangeHandler} checked={formData.languages.indexOf('css') !== -1} />

<label htmlFor="css">CSS</label>

</div>

<div>

<input type="checkbox" name="languages" value="javascript" onChange={onChangeHandler} checked={formData.languages.indexOf('javascript') !== -1} />

<label htmlFor="javascript">Javascript</label>

</div>

</div>

<span className='non-valid'>{formError.languages}</span>

</div>

<div className="form-group">

<button className="btn" type="submit" >Submit</button>

</div>

</form>

</div>

);

}

export default Formv