

Form Handling Project

Form Handling

Form Handling

Full name	User Name
<input type="text"/>	<input type="text"/>
Email	Bithday Of Date
<input type="text"/>	<input type="text" value="mm/dd/yyyy"/>
Password	Confirm Password
<input type="password"/>	<input type="password"/>
URL	slug
<input type="text"/>	<input type="text"/>

Submit

```
{  "fullName": "",  "userName": "",  "email": "",  "date": "",  "password": "",  "confirmPassword": "",  "url": "",  "slug": ""}
```

Validation

Form Handling

Full name

*Required

User Name

*Required

Email

*Required

Birthday Of Date

*Required

Password

Minimum eight characters, at least one uppercase letter, one lowercase letter, one number and one special character

Confirm Password

*Required

URL

Use a Valid *URL

slug

slug Field is required

Submit

```
{
  "fullName": "",
  "UserName": "",
  "email": "",
  "date": "",
  "password": "",
  "confirmPassWord": "",
  "url": "",
  "slug": ""
}
```

Required Field

Form Handling

Full name

Monir Uddin

User Name

monikm

Email

monirkm74

The provided *email is not valid

Bithday Of Date

mm/dd/yyyy



*Required

Password

Minimum eight characters, at least one uppercase letter, one lowercase letter, one number and one special character

Confirm Password

*Required

URL

Use a Valid *URL

slug

slug Field is required

Submit

```
{
  "fullName": "Monir Uddin",
  "userName": "monikm",
  "email": "monirkm74",
  "date": "",
  "password": "",
  "confirmPassword": "",
  "url": "",
  "slug": ""
}
```

Submit

Form Handling

Full name

Monir Uddin

User Name

monikm

Email

monirkm74@gmail.com

Birthday Of Date

08/11/2022

Password

Confirm Password

URL

www.moniruddin.com

slug

monirkm74

Submit

```
{
  "fullName": "Monir Uddin",
  "userName": "monikm",
  "email": "monirkm74@gmail.com",
  "date": "2022-08-11",
  "password": "Randompass$12",
  "confirmPassword": "Randompass$12",
  "url": "www.moniruddin.com",
  "slug": "monirkm74"
}
```

✓ Yeah! Submitted Your Form



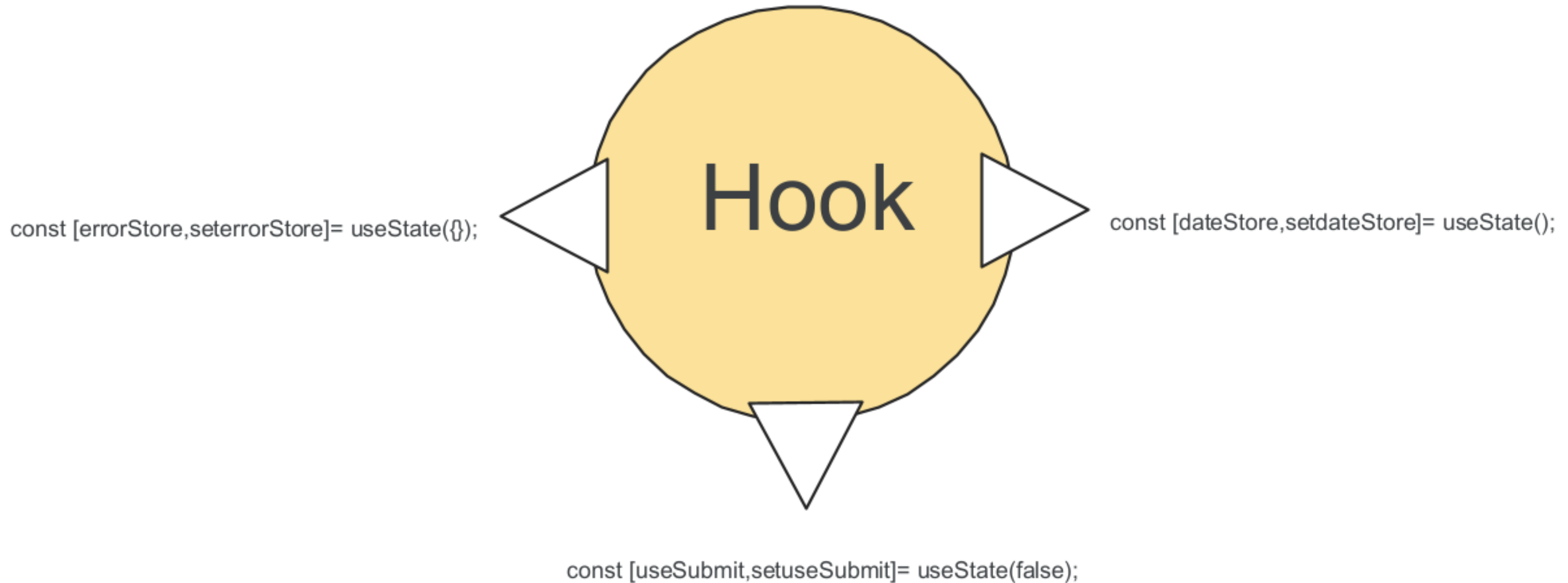
```
{
  "fullName": "Monir Uddin",
  "userName": "monikm",
  "email": "monirkm74@gmail.com",
  "date": "2022-08-11",
  "password": "Randompass$12",
  "confirmPassword": "Randompass$12",
  "url": "www.moniruddin.com",
  "slug": "monirkm74"
}
```

Table Of content

- ➔ Design and ready markup
- ➔ Input Handling
- ➔ Submit Handling
- ➔ Validation Handling

Use 3 hook to handle the project

```
const [dateStore,setdateStore]= useState();  
const [errorStore,seterrorStore]= useState({});  
const [useSubmit,setuseSubmit]= useState(false);
```



□ Design and ready markup

```
<Form onSubmit={handleSubmit} noValidate>
  <Row>
    <Col>
      <Form.Label>Full name</Form.Label>
      <Form.Control type="text" name="fullName" value={fullName} onChange={inputHandling}/>
      <div className="alertEle">{errorStore && errorStore.fullName}</div>
      <br />
    </Col>
    <Col>
      <Form.Label>User Name</Form.Label>
      <Form.Control type="text" name="UserName" value={UserName} onChange={inputHandling}/>
      <div className="alertEle">{errorStore && errorStore.UserName}</div>
      <br />
    </Col>
  </Row>
  <Row>
    <Col>
      <Form.Label>Email</Form.Label>
      <Form.Control type="email" name="email" value={email} onChange={inputHandling}/>
      <div className="alertEle"> {errorStore && errorStore.email}</div>
      <br />
    </Col>
    <Col>
      <Form.Label>Birth Day Of Date</Form.Label>
      <Form.Control type="date" name="date" value={date} onChange={inputHandling}/>
      <div className="alertEle"> {errorStore && errorStore.date}</div>
      <br />
    </Col>
  </Row>
  <Row>
    <Col>
      <Form.Label>Password</Form.Label>
      <Form.Control type="password" name="password" value={password} onChange={inputHandling}/>
      <div className="alertEle">{errorStore && errorStore.password}</div>
      <br />
    </Col>
    <Col>
      <Form.Label>Confirm Password</Form.Label>
      <Form.Control type="password" name="confirmPassword" value={confirmPassword} onChange={inputHandling}/>
      <div className="alertEle">{errorStore && errorStore.confirmPassword}</div>
      <br />
    </Col>
  </Row>
</Form>
```



```
<Form.Label>User Name</Form.Label>  
      <Form.Control type="text" name=  
"UserName" value={UserName} onChange={inputHandling}/>
```

□ Input Handling

```
const [dateStore,setdateStore]= useState(initialDate);
```

```
const inputHandling =(e)=>{  
  const {name,value}= e.target;  
  setdateStore({  
    ...dateStore,  
    [name]: value,  
  })  
  seterrorStore({  
    ...errorStore,  
    [name]: '',  
  })  
}
```

```
const initialDate= {  
  fullName: '',  
  UserName: '',  
  email: '',  
  date: '',  
  password: '',  
  confirmPassWord: '',  
  url: '',  
  slug: '',  
}
```

□ Submit Handling

After clicking submit button the Validationfunc will run

```
const handleSubmit =(e)=>{  
  e.preventDefault();  
  validationfunc(dateStore)  
}
```

```
if(fullName=== ""){  
    errorDateStore.fullName = "*Required";  
    check= true  
}
```



```
function validationfunc(dateStore){  
    const errorDateStore= {  
        fullName: "",  
        UserName: "",  
        email: "",  
        date: "",  
        password: "",  
        confirmPassWord: "",  
        url: "",  
        slug: "",  
    }  
    let check= false;  
    const {fullName,UserName,email,date,password,confirmPassWord  
,url,slug}= dateStore;  
  
    if(fullName=== ""){  
        errorDateStore.fullName = "*Required";  
        check= true  
    }  
    if(UserName=== ""){  
        errorDateStore.UserName = "*Rquired";  
        check= true  
    }  
    if(date=== ""){  
        errorDateStore.date = "*Required";  
        check= true  
    }  
}
```

Regular Expression

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

```
if(email=== ""){  
  errorDateStore.email = "*Required"  
  check= true;  
} else if(!regEmail.test(email)){  
  errorDateStore.email = "The provided *email is not valid"  
  check= true;  
}
```

```
const regEmail = /^\\w+([\\.-]?\\w+)*@\\w+([\\.-]?\\w+)*(\\.\\w{2,3})+$/  
  
if(email=== ""){  
  errorDateStore.email = "*Required"  
  check= true;  
} else if(!regEmail.test(email)){  
  errorDateStore.email = "The provided *email is not valid"  
  check= true;  
}  
  
// const regPass= /^(?=.*[a-z])(?=.*[A-Z])(?=.*\\d)(?=.*[@$!%*?&])[A-Za-z\\d@$!%*?&]{8,}$/  
const regPass= /^(?=.*[a-z])(?=.*[A-Z])(?=.*[0-9])(?=.*[!@#$%^&*])(?=.*[3,])/  
  
if(password=== "" || !regPass.test(password)){  
  errorDateStore.password =  
    "Minimum eight characters, at least one uppercase letter, one lo  
    wercase letter, one number and one special character"  
  ;  
  check= true  
}  
if(confirmPassword === "" ){  
  errorDateStore.confirmPassWord = "*Required";  
  check= true  
} else if(confirmPassWord !== password){  
  errorDateStore.confirmPassWord =  
    "The Password does not Match"  
  ;  
  check= true;  
}  
const regxUrl = /^(?:http(s)?|\\|\\|)?[\\w.-]+(?:\\.\\w\\.-|)+[\\w\\.-\\|_~:/?#\\|@!\\$&'\\(\\)\\^\\+;,=.]$/  
if(url === "" || !regxUrl.test(url) ){  
  errorDateStore.url = "Use a Valid *URL";  
  check= true  
}  
if(slug === ""){  
  errorDateStore.slug = "slug Field in required";  
  check= true  
}  
seterrorStore(errorDateStore)  
if(check) return  
setuseSubmit(true)  
console.log(dataStore);  
}
```



```
<Col>
  <Form.Label>Birth Day Of Date</Form.Label>
  <Form.Control type="date" name="date" value={date} onChange={inputHandling}/>
  <div className="alertEle"> {errorStore && errorStore.date}</div>
  <br />
</Col>
```

Use this for showing the validation message

```
<div className="alertEle"> {errorStore && errorStore.date}</div>
```

Form Handling

Full name

*Required

User Name

*Required

Email

*Required

Birth Day Of Date

*Required

Password

Minimum eight characters, at least one uppercase letter, one lowercase letter, one number and one special character

Confirm Password

*Required

URL

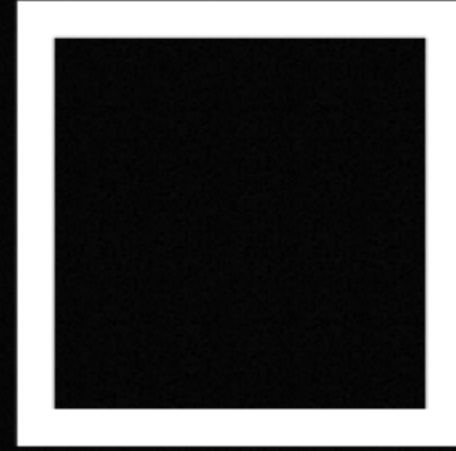
Use a Valid *URL

slug

slug Field is required

Submit

```
{
  "fullName": "",
  "UserName": "",
  "email": "",
  "date": "",
  "password": "",
  "confirmPassword": "",
  "url": "",
  "slug": ""
}
```

Presentation Created by Monir uddin

github.com/monirruuddin/ReactformHanding