

LAPORAN MATA KULIAH
PEMROGAMAN BERBASIS FRAMEWORK
“ MODUL 7 ”



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PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MALANG

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Index.html

```
index.html
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">
6   <meta name="theme-color" content="#000000">
7
8   <link rel="manifest" href="%PUBLIC_URL%/manifest.json">
9   <link rel="shortcut icon" href="%PUBLIC_URL%/favicon.ico">
10  <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bulma@0.6.2/css/bulma.min.css">
11
12  <title>React App</title>
13 </head>
14 <body>
15   <noscript>
16     You need to enable JavaScript to run this app.
17   </noscript>
18   <div id="root"></div>
19
20 </body>
21 </html>
```

App.js

```
App.js
1 import React, {Component} from 'react';
2 import {reduxForm, Field} from 'redux-form';
3 import logo from './logo.svg';
4 import './App.css';
5 import { render } from '@testing-library/react';
6 let SignInForm = props => {
7   const {handleSubmit} = props;
8   return <form onSubmit={handleSubmit} className="form">
9     <div className="field">
10       <div className="control">
11         <Field name="firstName" component={renderField} type="text" label="First Name" />
12       </div>
13     </div>
14     <div className="field">
15       <div className="control">
16         <Field name="lastName" component={renderField} type="text" label="Last Name" />
17       </div>
18     </div>
19     <div className="field">
20       <div className="control">
21         <Field name="email" component={renderField} type="email" label="Email Address" />
22       </div>
23     </div>
24     <div className="field">
25       <div className="control">
26         <Field name="age" component={renderField} type="number" label="Age" />
27       </div>
28     </div>
29     <div className="field">
30       <div className="control">
31         <label className="label">Proficiency</label>
32         <div className="select">
33           <Field className="input" name="proficiency" component="select">
34             <option/>
35             <option value="beginner">Beginner Dev</option>
36             <option value="intermediate">Intermediate Dev</option>
37             <option value="expert">Expert Dev</option>
38           </Field>
39         </div>
40       </div>
41     </div>
42     <div className="field">
43       <div className="control">
44         <label className="label">Gender</label>
45         <label className="radio">
46           <Field name="gender" component="input" type="radio" value="male"/>
47           {}
48           Male
49         </label>
50         <label className="radio">
```

```

51         <Field name="gender" component="input" type="radio" value="female"/>
52         {'}')
53         Female
54     </label>
55 </div>
56 </div>
57 <div className="field">
58     <div className="control">
59         <label className="checkbox">
60             <Field name="saveDetails" id="saveDetails" component="input" type="checkbox" />
61             Save Details
62         </label>
63     </div>
64 </div>
65 <div className="field">
66     <div className="control">
67         <label className="label">Message</label>
68         <Field className="textarea" name="message" component="textarea" />
69     </div>
70 </div>
71 <div className="field">
72     <div className="control">
73         <button className="button is-link">Submit</button>
74     </div>
75 </div>
76 </form>;
77 };
78
79 const validate = val => {
80     const errors = {};
81     if (!val.firstname) {
82         console.log('First Name is required');
83         errors.firstname = 'Required';
84     }
85     if (!val.lastname) {
86         console.log('Last Name is required');
87         errors.lastname = 'Required';
88     }
89     if (!val.email) {
90         console.log('email is required');
91         errors.email = 'Required';
92     } else if (!/^.+@.+$/i.test(val.email)) {
93         console.log('email is invalid');
94         errors.email = 'Invalid email address';
95     }
96     if (!val.age) {
97         errors.age = 'Required'
98     } else if (isNaN(Number(val.age))) {
99         errors.age = 'Must be a number'
100     } else if (Number(val.age) < 18) {
101         errors.age = 'Sorry, you must be at least 18 years old'
102     }
103     return errors;
104 }
105
106 const renderField = ({input, label, type, meta:{touched, error, warning}}) => (
107     <div>
108         <div className="control">
109             <label className="field">{label}</label>
110             <input type={type} placeholder={label} className="input" {...input}/>
111             {touched && ((error && <span>{error}</span>)|| (warning && <span>{warning}</span>))}
112         </div>
113     </div>
114 )
115
116 SignInForm = reduxForm({
117     form: 'signIn',
118     validate,
119 })(SignInForm);
120
121 class App extends Component {
122     handleSignIn = values => {
123         console.log(values);
124     };
125     render(){
126         return (
127             <div className="App">
128                 <header className="App-header">
129                     <img src={logo} alt="logo" className="App-logo"/>
130                     <h1 className="App-title">Welcome to React x redux-form</h1>
131                 </header>
132                 <div className="container">
133                     <p className="App-intro">
134                         Contact Form
135                     </p>
136                     <SignInForm onSubmit={this.handleSignIn}/>
137                 </div>
138             </div>
139         );
140     }
141 }
142
143 export default App;

```

Index.js

```
index.js
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import { createStore, combineReducers } from 'redux';
4 import { Provider } from 'react-redux';
5 import { reducer as formReducer } from 'redux-form';
6 import './index.css'; import App from './App';
7 import * as serviceWorker from './serviceWorker';
8 const rootReducer = combineReducers({
9   form: formReducer,
10 });
11 const store = createStore(rootReducer);
12 ReactDOM.render(
13   <Provider store={store}>
14     <App />
15   </Provider>, document.getElementById('root') );
16 serviceWorker.unregister();
```

Hasil

localhost:3000

Apps Empire Settings - Search...

Welcome to React x redux-form

Contact Form

First Name
ivan

Last Name
crisnanda

Email Address
ivancrisnanda1@gmail.com

Age
21

Proficiency
Beginner Dev

Gender
☒ Male ☐ Female

☒ Save Details

Message
Hello

Submit