TUGAS PERORANGAN/INDIVIDU

Disusun sebagai

Laporan Praktikum Redux Hoc

oleh :

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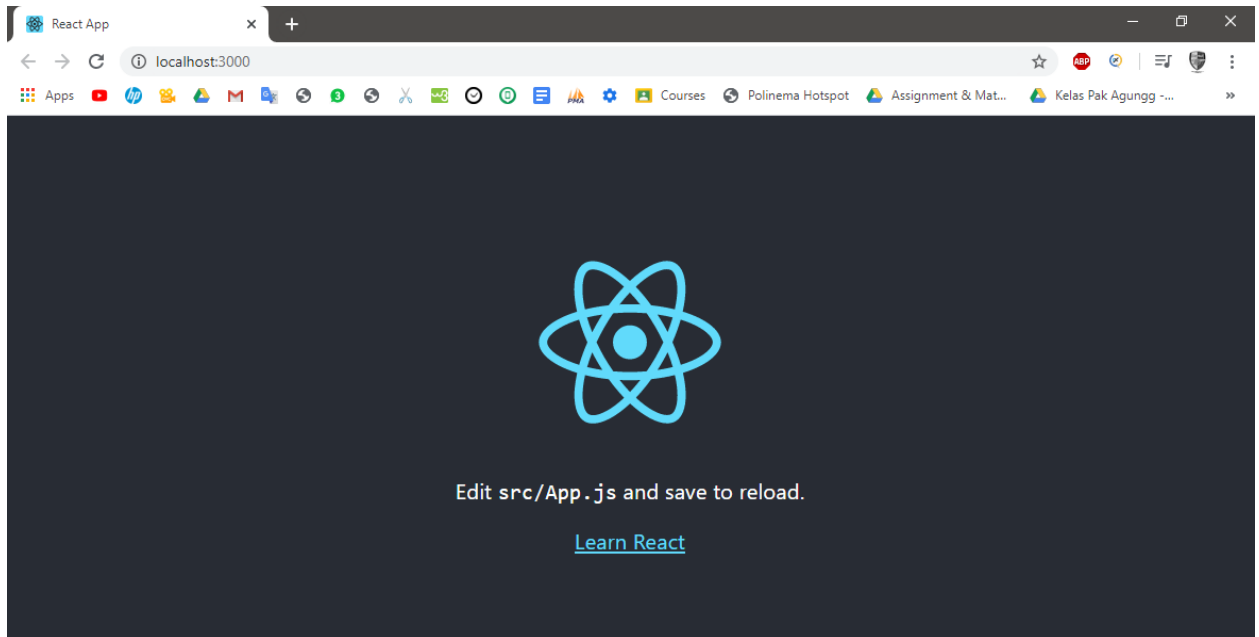
TI – 3A / 17

PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

POLITEKNIK NEGRI MALANG

Laporan Praktikum

1. Buat dan install redux

2. Install Form

3. Ubah file index.html pada folder /public/index.html

4. Ubah file App.js pada folder /src/App.js

```jsx
                <option />
                  <option value="beginner">Beginner Dev</option>
                    <option value="intermediate">Intermediate Dev</option>
                      <option value="expert">Expert Dev</option>
                </Field>
              </div>
          </div>
        </div>

      <div className="field">
        <div className="control">
          <label className="label">Gender</label>
            <label className="radio">
              <Field name="gender" component="input" type="radio" value="male" />
                {' '}
                Male
            </label>
              <label className="radio">
                <Field name="gender" component="input" type="radio" value="female" />
                  {' '}
                  Female
              </label>
          </div>
        </div>

      <div className="field">
      <div className="control">
      <label className="checkbox">
      <Field name="saveDetails" id="saveDetails" component="input" type="checkbox"/>
      Save Details
      </label>
      </div>
      </div>

      <div className="field">
        <div className="control">
          <label className="label">Message</label>
            <Field className="textarea" name="message" component="textarea" />
          </div>
        </div>

        <div className="field">
          <div className="control">
            <button className="button is-link">Submit</button>
          </div>
        </div>

    </form>;
};

const validate = val => {
  const errors = {};
  if (!val.firstName) {
    console.log('First Name is required');
    errors.firstName = 'Required';    }
    if (!val.lastName) {
      console.log('Last Name is required');
      errors.lastName = 'Required';
    }
    if (!val.email) {
      console.log('email is required');
      errors.email = 'Required';
    } else if (!/^.+@.+$/i.test(val.email)) {
      console.log('email is invalid');
      errors.email = 'Invalid email address';
    }
    if (!val.age) {
      errors.age = 'Required'
    } else if (isNaN(Number(val.age)))
    {
      errors.age = 'Must be a number'
    } else if (Number(val.age) < 18) {
      errors.age = 'Sorry, you must be at least 18 years old'
    }   return errors;
```

```
111     };
112
113   const renderField = ({ input, label, type, meta: { touched, error, warning } }) => (
114   <div>
115     <div className="control">
116     <label className="field">{label}</label>
117     <input className="input" {...input} placeholder={label} type={type}/>
118     {touched && ((error && <span>{error}</span>) || (warning && <span>{warning}</span>))}
119     </div>          You, a few seconds ago • Uncommitted changes
120     </div>
121   )
122     SignInForm = reduxForm({
123       form: 'signIn',
124       validate, })(SignInForm);
      You, a few seconds ago | 1 author (You)
125   class App extends Component {
126     handleSignIn = values => {
127       console.log(values);   };
128
129     render() {
130       return (
131         <div className="App">
132           <header className="App-header">
133             <img src={logo} className="App-logo" alt="logo" />
134             <h1 className="App-title">Welcome to React x redux-form</h1>
135           </header>
136           <div className="container">
137             <p className="App-intro">
138               Contact Form
139             </p>
140             <SignInForm onSubmit={this.handleSignIn} />
141           </div>
142         </div>
143       );
144     }
145   }
146   export default App;
```

5. Ubah file /src/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";
7   import App from "./App";
8   import registerServiceWorker from "./registerServiceWorker";
9   const rootReducer = combineReducers({
10     form: formReducer
11   });
12   const store = createStore(rootReducer);
13   ReactDOM.render(
14     <Provider store={store}>
15       <App />
16     </Provider>,
17     document.getElementById("root")
18   );
19   registerServiceWorker();
20
```

6. Running hasilnya dan buatlah laporan