**LAPORAN PEMROGRAMAN FRAMEWORK**

**“SESSION 7 HOC”**



**Oleh:**

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**PROGRAM STUDI TEKNIK INFORMATIKA**

**JURUSAN TEKNOLOGI INFORMASI**

**POLITEKNIK NEGERI MALANG**

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| **No.** | **Keterangan** |
|  | **Link Youtube :** <https://youtu.be/QpnJ8yZSvmg>  **Link Github :** <https://github.com/BagusSatria123/PemrogramanFrameworkReact/tree/master/Pertemuan7/Script2/my-app> |
|  | Buat dan install redux  npx create-react-app contact-redux  npm install -g create-react-app  create-react-app contact-redux  npm start  **Jawaban :** |
|  | Ubah file index.html pada folder /public/index.html  **Jawaban :**  import React from "react";  import ReactDOM from "react-dom";  import { createStore, combineReducers } from "redux";  import { Provider } from "react-redux";  import { reducer as formReducer } from "redux-form";  import "./index.css";  import App from "./App";  import \* as serviceWorker from "./registerServiceWorker";  import registerServiceWorker from "./registerServiceWorker";  const rootReducer = combineReducers({    form: formReducer,  });  const store = createStore(rootReducer);  ReactDOM.render(    <Provider *store*={store}>      <App />    </Provider>,    document.getElementById("root")  );  *// registerServiceWorker();*  serviceWorker.unregister(); |
|  | Ubah file App.js pada folder /src/App.js  **Jawaban :**  import React, { Component } from "react";  import { reduxForm, Field } from "redux-form";  import logo from "./logo.svg";  import "./App.css";  let SignInForm = (*props*) => {    const { handleSubmit } = *props*;    return (      <form *onSubmit*={handleSubmit} *className*="form">        <div *className*="field">          <div *className*="control">            <Field  *name*="firstName"  *component*={renderField}  *type*="text"  *label*="First Name"            />          </div>        </div>        <div *className*="field">          <div *className*="control">            <Field  *name*="lastName"  *component*={renderField}  *type*="text"  *label*="Last Name"            />          </div>        </div>        <div *className*="field">          <div *className*="control">            <Field  *name*="email"  *component*={renderField}  *type*="email"  *label*="Email Address"            />          </div>        </div>        <div *className*="field">          <div *className*="control">            <Field *name*="age" *component*={renderField} *type*="number" *label*="Age" />          </div>        </div>        <div *className*="field">          <div *className*="control">            <label *className*="label">Proficiency</label>            <div *className*="select">              <Field *className*="input" *name*="proficiency" *component*="select">                <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;  };  const renderField = ({    input,    label,    type,    meta: { touched, error, warning },  }) => (    <div>      <div *className*="control">        <label *className*="field">{label}</label>        <input *className*="input" {...input} *placeholder*={label} *type*={type} />        {touched &&          ((error && <span>{error}</span>) ||            (warning && <span>{warning}</span>))}      </div>    </div>  );  SignInForm = reduxForm({    form: "signIn",    validate,  })(SignInForm);  class App extends Component {    handleSignIn = (*values*) => {      console.log(values);    };    render() {      return (        <div *className*="App">          <header *className*="App-header">            <img *src*={logo} *className*="App-logo" *alt*="logo" />            <h1 *className*="App-title">Welcome to React x redux-form</h1>          </header>          <div *className*="container">            <p *className*="App-intro">Contact Form</p>            <SignInForm *onSubmit*={this.handleSignIn} />          </div>        </div>      );    }  }  export default App; |
|  | Ubah file /src/index.js  **Jawaban :**  import React from "react";  import ReactDOM from "react-dom";  import { createStore, combineReducers } from "redux";  import { Provider } from "react-redux";  import { reducer as formReducer } from "redux-form";  import "./index.css";  import App from "./App";  import \* as serviceWorker from "./registerServiceWorker";  import registerServiceWorker from "./registerServiceWorker";  const rootReducer = combineReducers({    form: formReducer,  });  const store = createStore(rootReducer);  ReactDOM.render(    <Provider *store*={store}>      <App />    </Provider>,    document.getElementById("root")  );  *// registerServiceWorker();*  serviceWorker.unregister(); |
|  | Running hasilnya dan buatlah laporan  **Jawaban :** |

***--Alhamdulillah--***