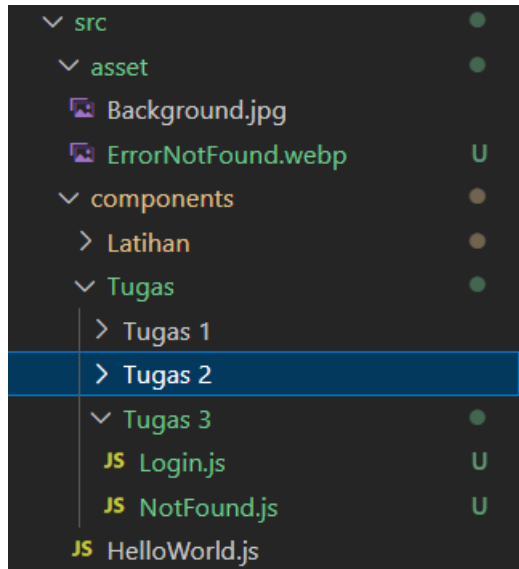


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1. Pada project sebelumnya buatlah sebuah package baru didalam folder components dengan nama latihan-3-1.



2. Pada bagian 2.2 Menggunakan Router, terlihat pada komponen AppRoute setiap end-point perlu diinisialisasi atau didefinisikan sebagai turunan komponen Layouts. Jika anda memiliki lebih dari 10 end-point maka anda perlu mendefinisikan ± 10 komponen sebagai bentuk turunan komponen Layout, teknik ini dapat sangat merepotkan bagi para developer. Cobalah anda buat teknik model algoritma yang lebih sederhana dari file AppRoute tersebut. Contoh, jika memiliki ± 10 komponen maka cukup hanya 1 kali mendefinisikannya, maka ± 10 komponen tersebut sudah diketahui bahwa mereka adalah komponen turunan dari Layouts.

Source Code
<pre>import React from "react"; import { Route, Routes } from "react-router-dom"; import Layouts from "../layouts/Layout"; import Home from "../modules/components/homes/Home"; import Explore from "../modules/components/explore/Explore"; import Messages from "../modules/components/messages/Messages"; import Feeds from "../modules/components/explore/widgets/Feeds"; import Reels from "../modules/components/explore/widgets/Reels"; import FYP from "../modules/components/explore/widgets/FYP"; import Profiles from "../modules/components/profiles/Profiles"; import Login from "../../Tugas/Tugas 3/Login"; import NotFound from "../../Tugas/Tugas 3/NotFound"; export default function AppRoute() { const routes = [{ path: "home", element: <Home /> }, {</pre>

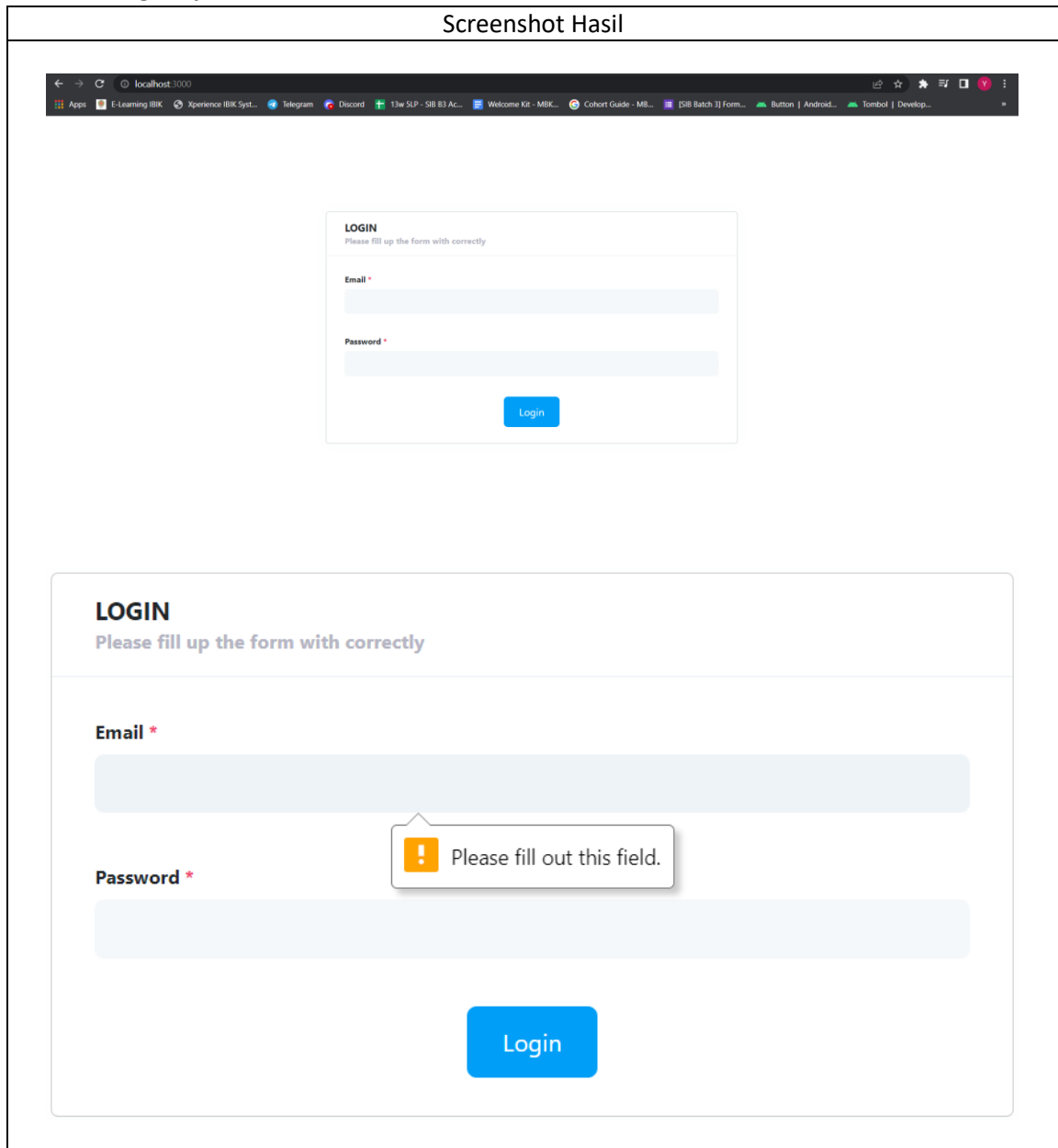
```

    path: "explore",
    element: <Explore />,
    children: [
      { path: "feeds", element: <Feeds /> },
      { path: "reels", element: <Reels /> },
      { path: "fyp", element: <FYP /> },
    ],
  },
  { path: "messages", element: <Messages /> },
  { path: "profile", element: <Profiles /> },
];

return (
  <Routes>
    <Route index element={<Login />} />
    {routes.map((route) => (
      <Route
        key={route.path}
        path={route.path}
        element={<Layouts>{route.element}</Layouts>}
      >
        {route.children?.map((child) => (
          <Route key={child.path} path={child.path} element={child.element} />
        ))}
      </Route>
    ))}
    <Route path='login' element={<Login />} />
    <Route path='*' element={<NotFound />} />
  </Routes>
);
}

```

3. Buatlah sebuah end-point baru untuk Login dengan isian form email dan password (bukan turunkomponen Layouts). Jika data email dan password salah maka akan menampilkan pesan error, sedangkan jika benar maka akan meredirect ke halaman HOME.



LOGIN

Please fill up the form with correctly

Email *

yudhis

Password



Please include an '@' in the email address. 'yudhis' is missing an '@'.

Login

LOGIN

Please fill up the form with correctly

Email *

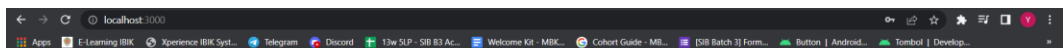
yudha17d@gmail.com

Password *



Please fill out this field.

Login



Information

Please fill in the correct email and password!

LOGIN

Please fill up the form with correctly

Email *

yudha17d@gmail.com

Password *

Login

Source Code

```
import React, { useState } from "react";
import { Navigate } from "react-router-dom";
import { Modal } from "react-bootstrap";

export default function Login() {
  const objLogin = {
    email: "",
    password: "",
  };

  const [login, setLogin] = useState(objLogin);
  const [successSubmit, setSuccseesSubmit] = useState(false);

  const [show, setShow] = useState(false);
  const handleClose = () => setShow(false);

  const handlerSubmit = (e) => {
    e.preventDefault();
    var formid = e.target.id;
    var target = document.getElementById(formid);
    var myButton = target.getElementsByClassName("btn-submit")[0];
    myButton.textContent = "Processing...";
    myButton.disabled = true;
    if (login.email == "yudha17d@gmail.com" && login.password == "yudha123") {
      setSuccseesSubmit(true);
    } else {
      setShow(true);
    }
    myButton.textContent = "Login";
    myButton.disabled = false;
  };

  return successSubmit ? (
    <Navigate to="/home" replace={true} />
  ) : (
    <div className="container" style={{ marginTop: 150}}>
      <div className="w-50 m-auto" >
        <div className="card">
          <div className="card-header">
            <h3 className="card-title align-items-start flex-column">
              <span className="card-label fw-bolder text-dark">LOGIN</span>
              <span className="text-gray-400 mt-1 fw-bold fs-6">
                Please fill up the form with correctly
              </span>
            </h3>
          </div>
          <div className="card-body">
            <form
              className="form-login"
              method="post"
            >
```

```

    onSubmit={(e) => handlerSubmit(e)}
    id="form-login"
  >
    <div className="fv-row mb-10 fv-plugins-icon-container">
      <label className="required form-label fs-6 fw-bolder text-dark">
        Email
      </label>
      <input
        type="email"
        name="email"
        required
        className="form-control form-control-lg form-control-solid"
        defaultValue={login.email}
        onChange={(e) =>
          setLogin({ ...login, email: e.target.value })
        }
      />
    </div>

    <div className="fv-row mb-10 fv-plugins-icon-container">
      <label className="required form-label fs-6 fw-bolder text-dark">
        Password
      </label>
      <input
        type="password"
        name="password"
        required
        className="form-control form-control-lg form-control-solid"
        defaultValue={login.password}
        onChange={(e) =>
          setLogin({ ...login, password: e.target.value })
        }
      />
    </div>

    <div className="text-center">
      <button
        type="submit"
        className="btn btn-lg btn-primary mx-2 btn-submit"
      >
        Login
      </button>
    </div>
  </form>
</div>
</div>
<Modal show={show} onHide={handleClose}>
  <Modal.Header closeButton>
    <Modal.Title>Information</Modal.Title>
  </Modal.Header>

```

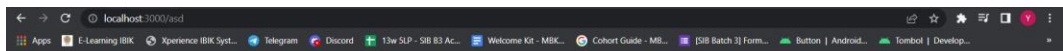
```

        <Modal.Body>Please fill in the correct email and password!</Modal.Body>
      </Modal>
    </div>
  );
}

```

4. Buatlah sebuah komponen baru yang menampilkan halaman Error 404. Buatlah sebuah kondisi jika end-point yang tidak didaftarkan atau tidak tersedia dalam BrowserRouter maka akan menampilkan halaman Error 404.

Screenshot Hasil



Source Code

```

import React from 'react';

export default function NotFound() {
  return (
    <div className="d-flex justify-content-center align-items-center vh-100">
      
    </div>
  );
}

```