

LAPORAN ACTIVITY

Mata Praktikum : Pemrograman Web
Kelas : 3IA24
Praktikum ke- : 3
Tanggal : 5 Desember 2023
Materi : Read, Creater, Axios, Getter, & Setter
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LABORATORIUM TEKNIK INFORMATIKA

UNIVERSITAS GUNADARMA

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LISTING PROGRAM

- app.js

```
fe3 > src > JS App.js > ...
1  import "./App.css";
2  import { BrowserRouter, Routes, Route } from "react-router-dom";
3  import HomePage from "./pages/HomePage";
4  import DataMahasiswaPage from "./pages/DataMahasiswaPage";
5  import TambahDataPage from "./pages/TambahDataPage";
6
7  function App() {
8      return (
9          <BrowserRouter>
10             <Routes>
11                 <Route path="/" element={<HomePage />} />
12                 <Route path="/data_mhs" element={<DataMahasiswaPage />} />
13                 <Route path="/tambah_data" element={<TambahDataPage />} />
14             </Routes>
15         </BrowserRouter>
16     );
17 }
18
19 export default App;
```

- FormTambahData.jsx

```

import React, { useState } from 'react';
import axios from 'axios';
import Notification from './Notification';

function FormTambahData() {
  const [msg, setMsg] = useState("");
  const [nama, setName] = useState("");
  const [kelas, setKelas] = useState("");
  const [msg, setMsg] = useState(""); // Menyimpan pesan kesalahan atau sukses
  const [isError, setIsError] = useState(false);

  const saveMahasiswa = async (e) => {
    e.preventDefault();

    const formData = new FormData();
    formData.append('npm', npm);
    formData.append('nama', nama);
    formData.append('kelas', kelas);

    try {
      await axios.post("http://localhost/pweb/tm/create.php", formData);
      setMsg("Data Berhasil Ditambah");
      setIsError(false);
    } catch (error) {
      if (error.response) {
        setMsg("Data Gagal Ditambah");
        setIsError(true);
      }
    }
  };

  return (
    <div className="flex w-full justify-center items-center">
      <div className="p-20">
        <Notification message={msg} isError={isError} />
      </div>
      <div className="p-4 lg:w-1/2">
        <form
          onSubmit={saveMahasiswa}
          className="bg-white shadow-md rounded px-8 pt-6 pb-8 mb-4">
          <div className="mb-4">
            <label
              className="block text-gray-700 text-sm font-bold mb-2"
              htmlFor="npm">
              NPM
            </label>
            <input
              className="shadow appearance-none border rounded w-full py-2 px-3 text-gray-700 leading-tight focus:outline-none focus:shadow-outline"
              id="npm"
              type="text"
              placeholder="NPM"
              value={npm}
              onChange={(e) => setNpm(e.target.value)}
            />
          </div>
          <div className="mb-4">
            <label
              className="block text-gray-700 text-sm font-bold mb-2"
              htmlFor="nama">
              Nama
            </label>
            <input
              className="shadow appearance-none border rounded w-full py-2 px-3 text-gray-700 leading-tight focus:outline-none focus:shadow-outline"
              id="nama"
              type="text"
              placeholder="Nama"
              value={nama}
              onChange={(e) => setName(e.target.value)}
            />
          </div>
          <div className="mb-4">
            <label
              className="block text-gray-700 text-sm font-bold mb-2"
              htmlFor="kelas">
              Kelas
            </label>
            <input
              className="shadow appearance-none border rounded w-full py-2 px-3 text-gray-700 leading-tight focus:outline-none focus:shadow-outline"
              id="kelas"
              type="text"
              placeholder="Kelas"
              value={kelas}
              onChange={(e) => setKelas(e.target.value)}
            />
          </div>
          <div className="flex items-center justify-between">
            <button
              className="bg-blue-500 hover:bg-blue-700 text-white font-bold py-2 px-4 rounded focus:outline-none focus:shadow-outline"
              type="submit">
              Tambah Data
            </button>
          </div>
        </form>
      </div>
    </div>
  );
}

export default FormTambahData;

```

- **TambahDataPage.jsx**

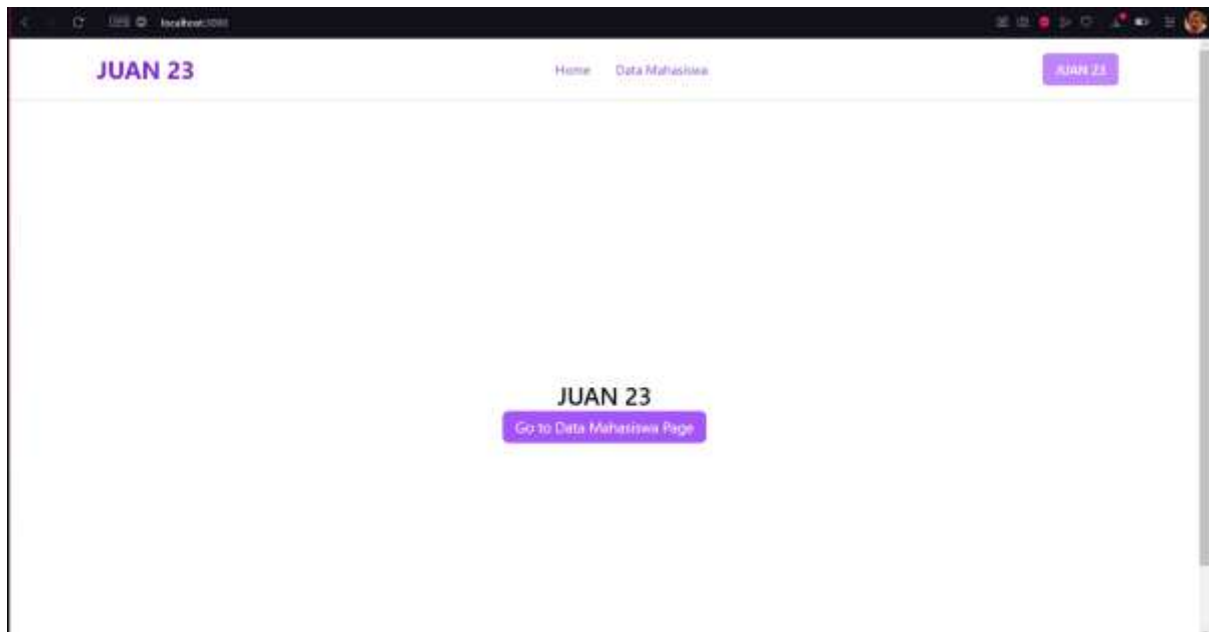
```
fe3 > src > pages > 🔍 TambahDataPage.jsx > ...
1  import React from "react";
2  import FormTambahData from "../components/FormTambahData";
3  import Layout from "../Layout";
4
5  const TambahDataPage = ({message, Error}) => {
6    return (
7      <Layout>
8
9        <div className="flex w-full justify-center items-center">
10         <h1 className="text-3xl font-semibold mt-5">Tambah Data Mahasiswa</h1>
11       </div>
12       <div className="flex mt-10 justify-center">
13         <FormTambahData />
14       </div>
15     </Layout>
16   );
17 };
18
19 export default TambahDataPage;
```

- **Notification.jsx**

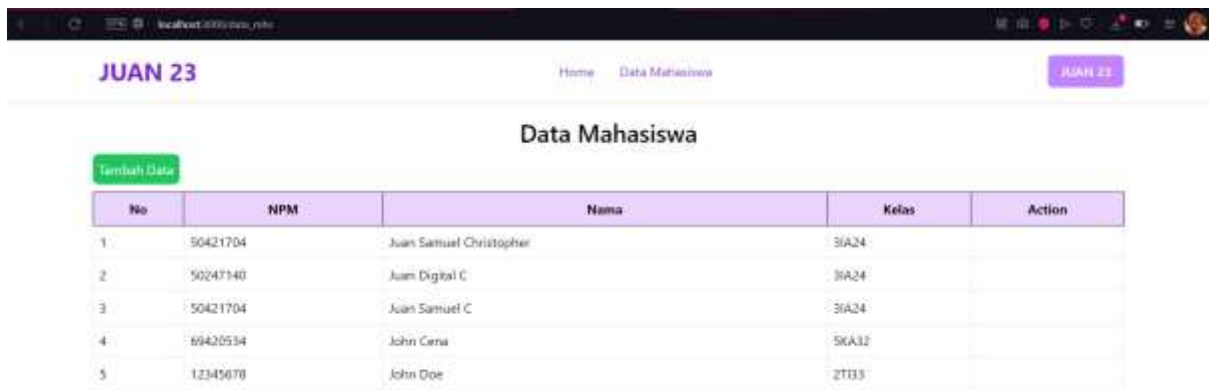
```
fe3 > src > components > 🔍 Notification.jsx > ...
1  import React, { useState, useEffect } from "react";
2
3  function Notification({ message, isError }) {
4    const [isVisible, setIsVisible] = useState(false);
5
6    useEffect(() => {
7      if (message) {
8        setIsVisible(true);
9        setTimeout(() => {
10          setIsVisible(false);
11          // Memperbarui halaman setelah pesan muncul selama 2 detik
12          window.location.reload();
13        }, 2000);
14      }
15    }, [message]);
16
17
18    const notificationClass = isError ? "bg-red-500" : "bg-green-500";
19    return (
20      <div>
21        {isVisible && (
22          <div
23            className={`text-white z-50 fixed top-0 right-0 mt-20 mr-24 w-48 p-3 rounded ${notificationClass}`}
24          >
25            {message}
26          </div>
27        )}
28      </div>
29    );
30  }
31
32  export default Notification;
```


OUTPUT PROGRAM

- Homepage



- Data Mahasiswa Page



- **Tambah Data Page**

The screenshot displays a web application interface for adding student data. The browser's address bar shows the URL `localhost:3000/mahasiswa`. The application's header features the text 'JUAN 23' on the left, navigation links 'Home' and 'Data Mahasiswa' in the center, and a 'JUAN 23' button on the right. The main content area is titled 'Tambah Data Mahasiswa' and contains a form with three input fields: 'NPM' (with placeholder 'NPM'), 'Nama' (with placeholder 'Nama'), and 'Kelas' (with placeholder 'Kelas'). Below the fields is a blue button labeled 'Tambah Data'.