Tugas 4 Pemrograman Web Lanjut
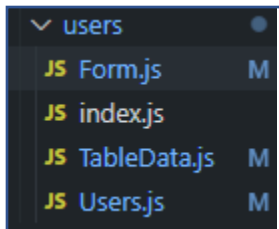
NPM   : 202310055

Nama : Ryan Roshandy Sachio

Kelas   : 20-TI-PA

Dokumentasi Folder

Folder dan file yang ditambahkan pada Tugas 4 meliputi beberapa component file dalam bentuk js.

Gambar dikanan merupakan Folder beserta file yang digunakan untuk membangun users

Folder users merupakan folder untuk menyimpan data users dan proses pada users

Form.js merupakan lokasi proses form pada tampilan web dibuat

Index.js merupakan lokasi penyambung export Form.js dan Users.js untuk control pengisian form
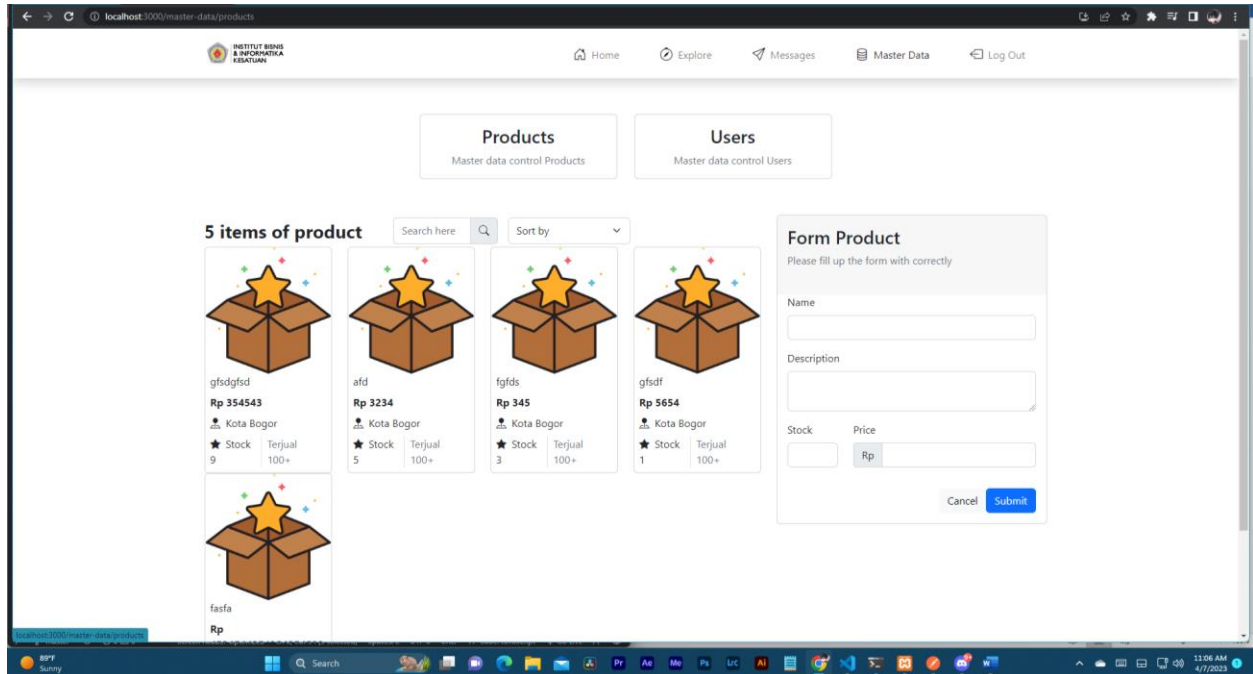
TableData.js merupakan lokasi pembuatan Table pada data users yang akan ditampilkan

Users.js merupakan fungsi lokasi untuk pemanggilan widget dari file TableData.js dan Form.js
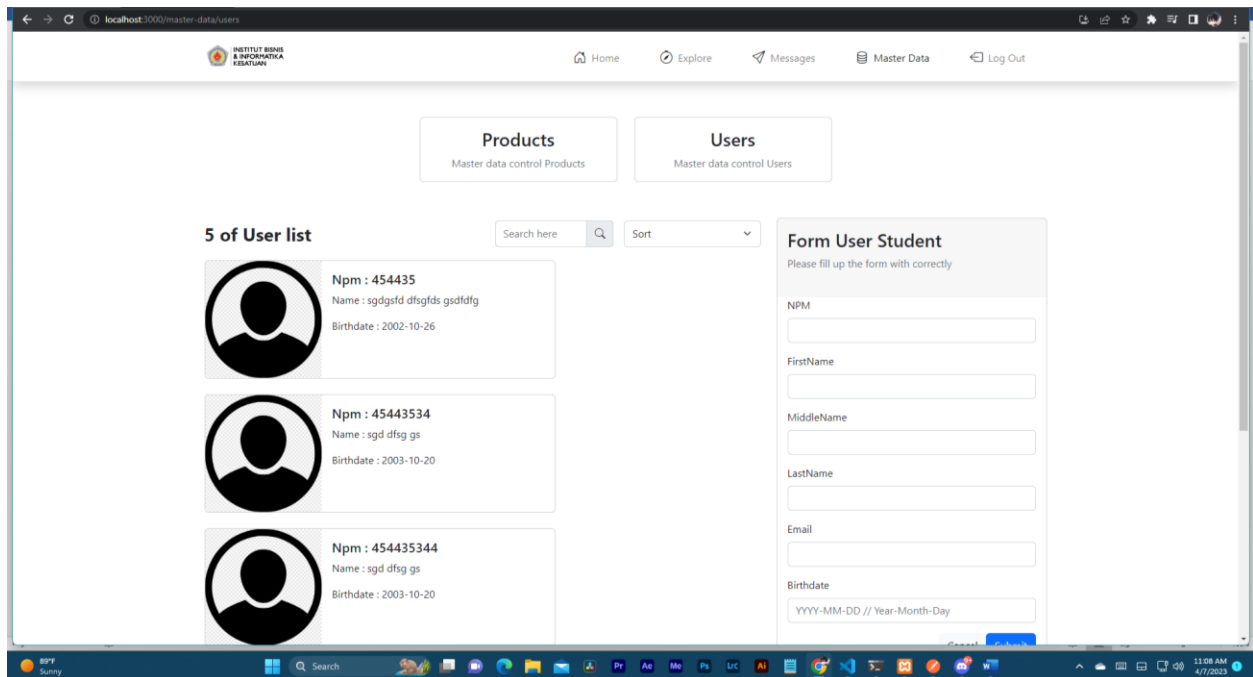
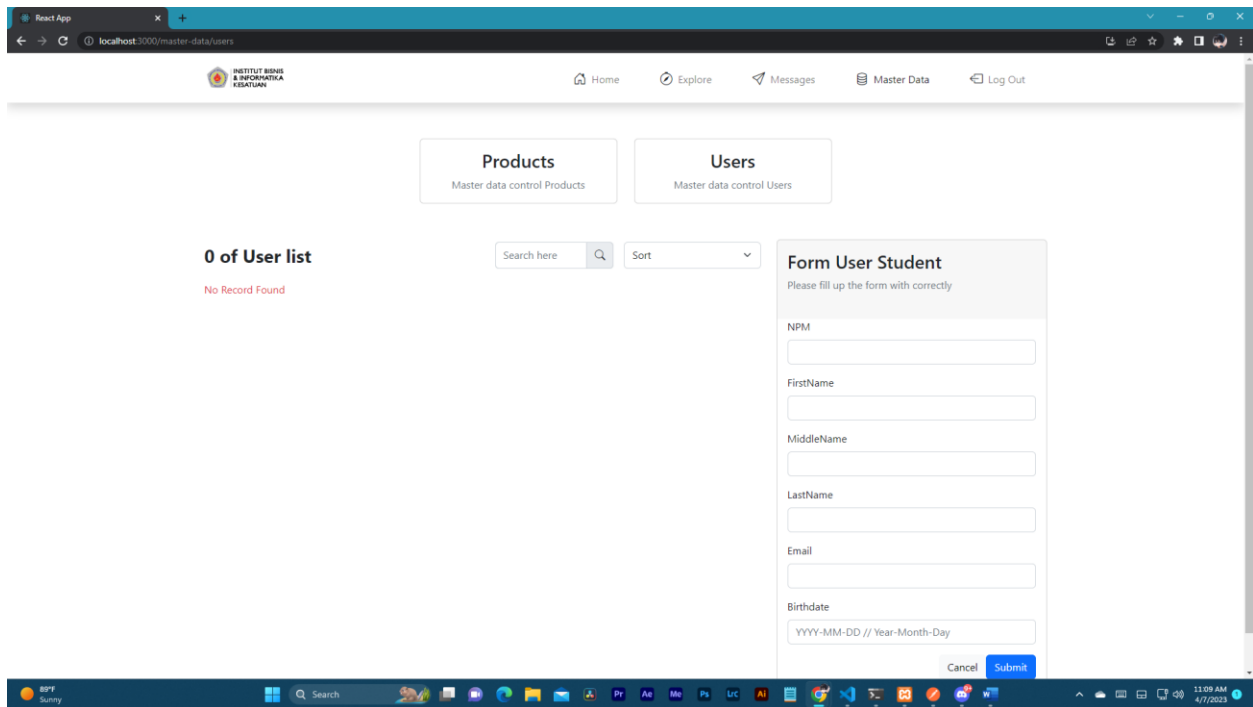# Dokumentasi Tampilan Web Master Data

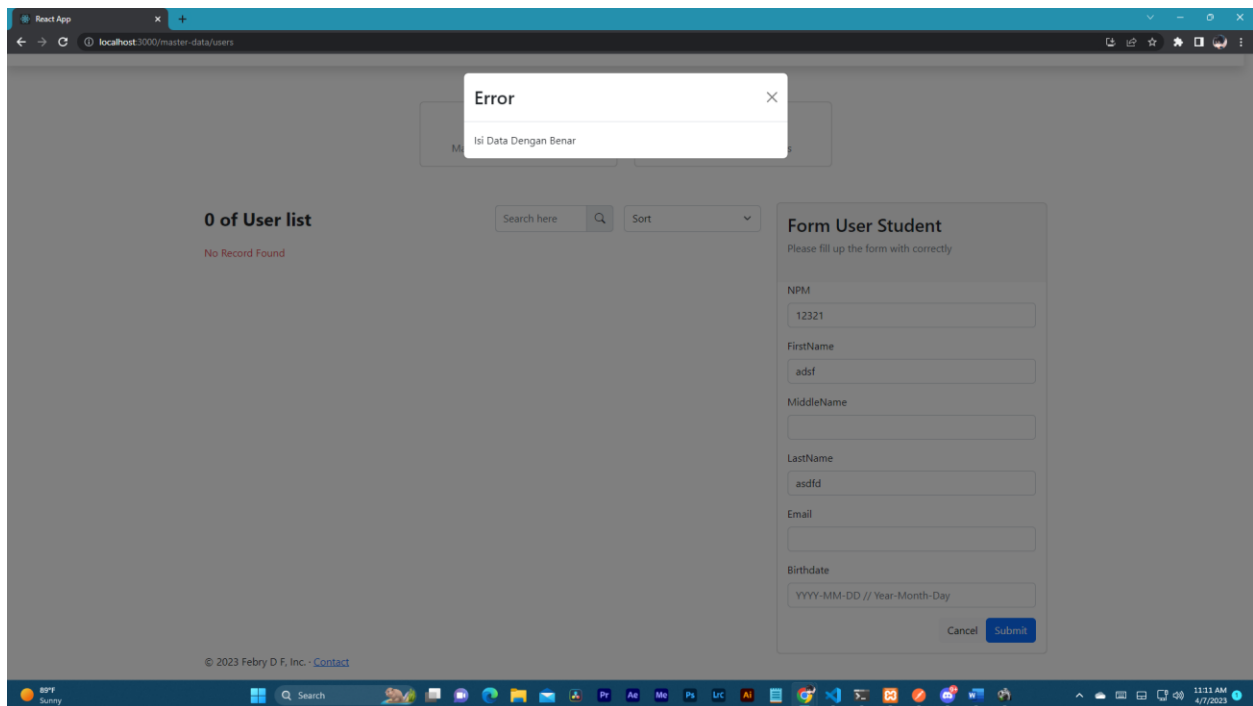Master Data >> users >> Users.js

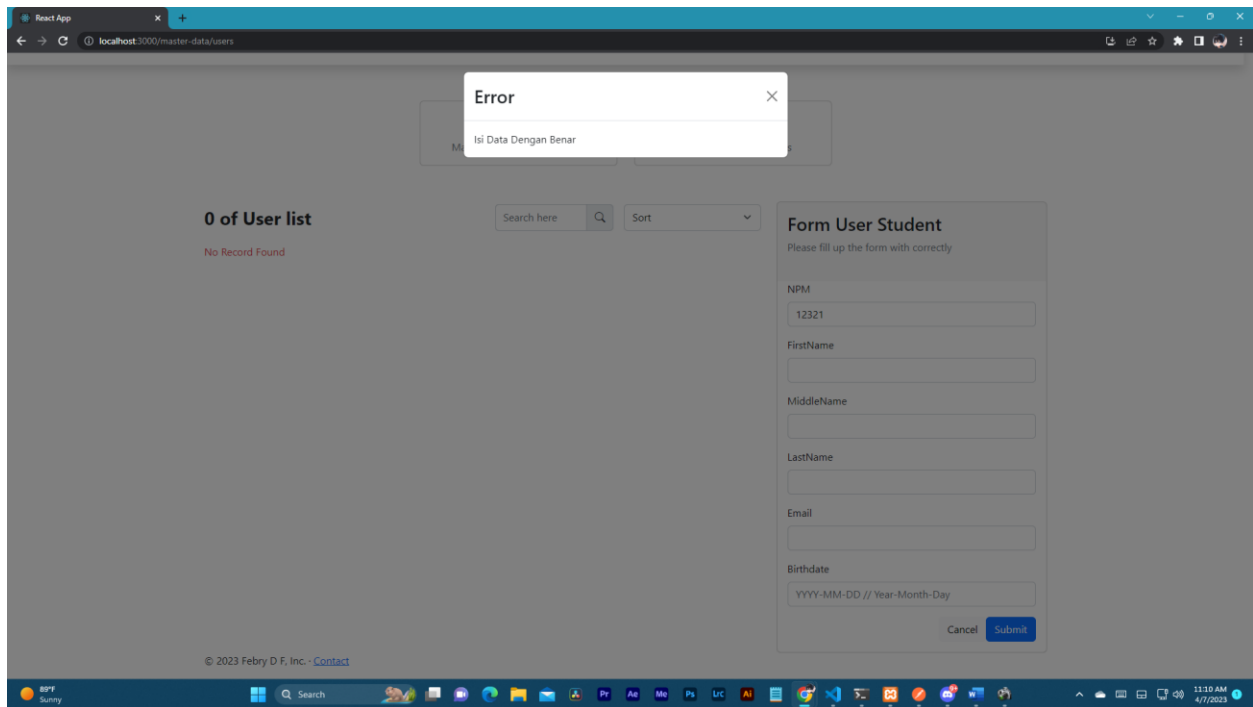Tampilan Website Product.js
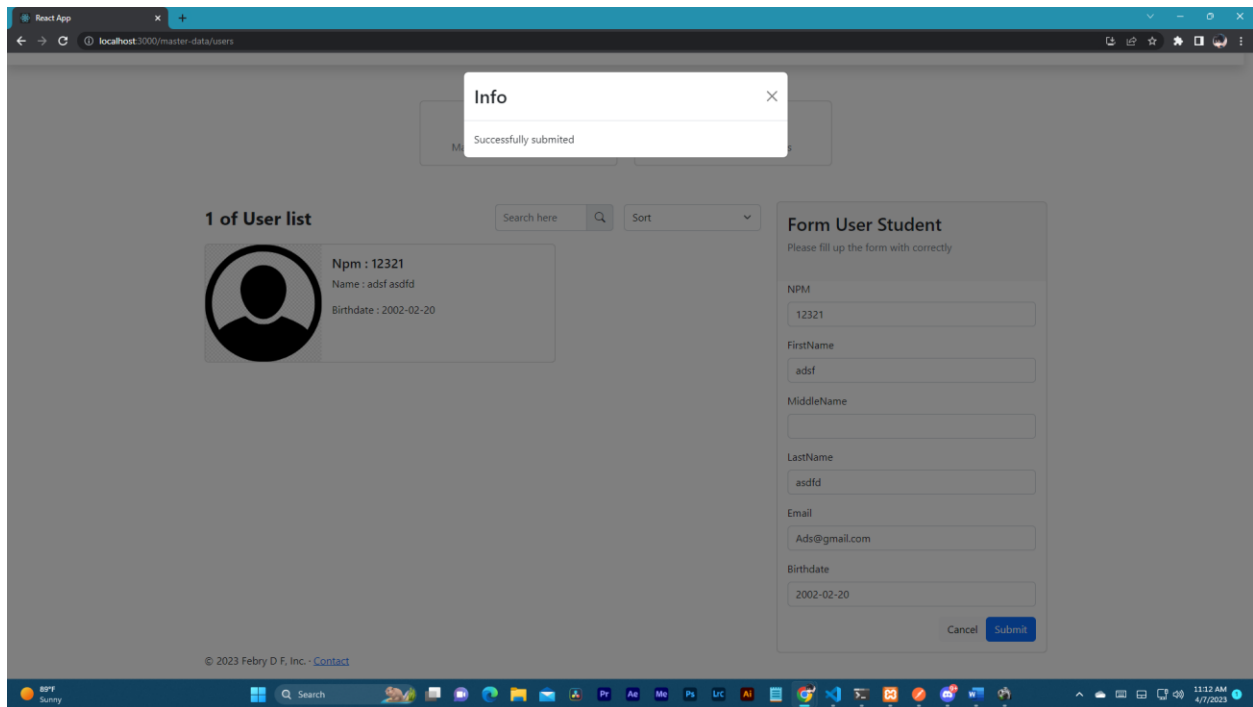
Tampilan Website Users.js
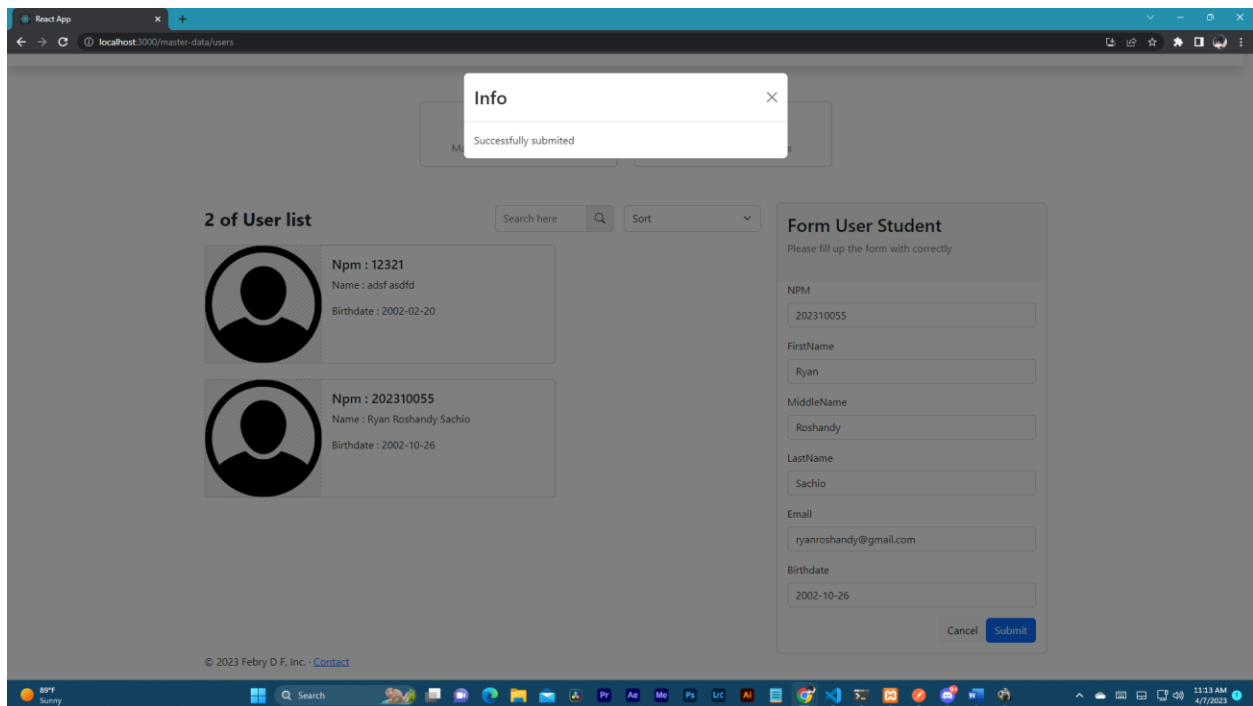

Tampilan pada saat data kosong

Ketika mengisi form tidak penuh

Ketika data diisi dengan benar

Uji Coba Menambahkan Data Baru

Source Code

Users.js

```javascript
import React, { useState, useEffect } from "react"
import { Form } from "./Form"
import TableData from "./TableData"
import axios from "axios";
import LoadingSpin from "../../../../../layouts/components/loadings/LoadingSpin";
import AlertInfo from "../../../../../layouts/components/alerts/AlertInfo";

export function Users() {

  const [user, setUser] = useState({
    loading: false,
    data: [],
    message: "",
  });

  const getUser = () => {
    setUser({ ...user, loading: true});

    var config = {
      method: "GET",
      url: "http://localhost:8080/api/students",
      headers: { }
    };

    axios.request(config)
      .then((response) => {
        // console.log(JSON.stringify(response.data));
        setUser({...user, data:response.data.data, loading:false })
      })
      .catch((error) => {
        // console.log(error);
        setUser({...user, loading: false, message:"error.message"})
      });
  }

  useEffect(() => {
    getUser();
  }, [Users])

  return (
    <div id="user-master">
      <div className="row">
```

```jsx
        <div className="col-sm-12 col-lg-8">
          <div className="d-flex flex-wrap flex-stack justify-content-between mb-
3">
            <div className="d-flex flex-wrap align-items-center my-1">
              <h3 className="fw-bolder me-5 my-1">
{Object.values(user.data).length} of User list </h3>
            </div>
            <div className="d-flex flex-wrap my-1">
              <div className="d-flex my-0">
                <div className="input-group me-3">
                  <input
                    type="text"
                    name="search"
                    className="form-control"
                    placeholder="Search here"
                    autoComplete="off"
                  />
                  <span className="input-group-text">
                    <i className="bi bi-search"></i>
                  </span>
                </div>
                <select name="sort" className="form-select">
                  <option value="">Sort</option>
                  <option value="">FirstName</option>
                  <option value="">SecondName</option>
                  <option value="">LastName</option>
                </select>
              </div>
            </div>
          </div>

          {(user.loading) ? <LoadingSpin /> : ""}
          {(user.message) ? <AlertInfo message={user.message} variant={"danger"} />
: ""}
            <div className="user-list">
                <TableData data={user.data} />
            </div>
          </div>
          <div id="user-form" className="col-sm-12 col-lg-4">
              <Form getUser={getUser} />
          </div>
        </div>
      </div>
    </div>
  );
}
```

TableData.js

```jsx
import React from "react"

export default function TableData({data}) {
  const UserList = ({user}) => {
    return (
      <div class="card mb-8" style={{maxWidth: "540px", background:"white"}}>
        <div class="row g-0">
          <div class="col-md-4">
            <img src={require("../../../../../assets/media/user/user.png")}
className="img-fluid rounded-start" alt="..." />
          </div>
          <div class="col-md-8">
            <div class="card-body">
              <h5 class="card-title">Npm : {user.npm}</h5>
              <p class="card-text">Name : {user.firstname} {user.middlename}
{user.lastname} </p>
              <p class="card-text">Birthdate : {user.birthdate}</p>
            </div>
          </div>
        </div>
      </div>
    );
  };

  return (
    <div className="user-list">
      <div className="d-flex flex-column mb-3">
        {
          (Object.values(data).length > 0) ?
            data.map((v, index) => (
              <div className="col-md-auto mb-4" key={index} >
              <UserList user={v} />
              </div>
            )) : (
            <p className="text-danger">No Record Found</p>
          )
        }
      </div>
    </div>
  );
}
```

Form.js

```javascript
import React, { useState } from 'react';
import { openModal } from
'../../../../../layouts/components/modals/ModalPopUp';
import axios from 'axios';


export function Form(props) {
    const [postData, setPostData] = useState({
        npm: Number,
        firstname: "",
        middlename: "",
        lastname: "",
        email: "",
        birtdate: "",
    });

    const submitForm = (e) => {
        e.preventDefault();
        const config = {
            method: "POST",
            url: "http://localhost:8080/api/students",
            headers: { "Content-Type": "application/json" },
            data: postData,
        };
        axios
            .request(config)
            .then((response) => {
                // console.log(JSON.stringify(response.data));
                let results = response.data.data;
                if (results) {
                    openModal({ header: "Info", message: "Successfully
submited" });

                    props.getUser();
                } else {
                    openModal({ header: "Error", message: "Failed Submit" });
                }
            })
            .catch((error) => {
                openModal({ header: "Error", message: "Isi Data Dengan Benar"
});
            });
    };
```

Form User Student

Please fill up the form with correctly

NPM

202310055

FirstName

Ryan

MiddleName

Roshandy

LastName

Sachio

Email

ryanroshandy@gmail.com

Birthdate

2002-10-26

Cancel Submit

```jsx
    return (
        <div className='card bg-white'>
            <div className='card-header border-0 py-3'>
                <div className='card-title d-flex flex-column'>
                    <h3 className='text-dark'>Form User Student</h3>
                    <p className='text-muted fs-7'>
                        Please fill up the form with correctly
                    </p>
                </div>
            </div>
            <div className='card-body pt-0'>
                <form
                    method='post'
                    autoComplete='off'
                    id='form-user'
                    onSubmit={(e) => submitForm(e)}
                >
                    <div className='mb-3'>
                        <label className='form-label'>NPM</label>
                        <input
                            type='text'
                            name='npm'
                            className='form-control'
                            onChange={(e) => setPostData({ ...postData, npm:
e.target.value })} />
                    </div>
                    <div className='mb-3'>
                        <label className='form-label'>FirstName</label>
                        <input
                            type='text'
                            name='firstname'
                            className='form-control'
                            onChange={(e) => setPostData({ ...postData,
firstname: e.target.value })} />
                    </div>
                    <div className='mb-3'>
                        <label className='form-label'>MiddleName</label>
                        <input
                            type='text'
                            name='middlename'
                            className='form-control'
                            onChange={(e) => setPostData({ ...postData,
middlename: e.target.value })} />
                    </div>
                    <div className='mb-3'>
```
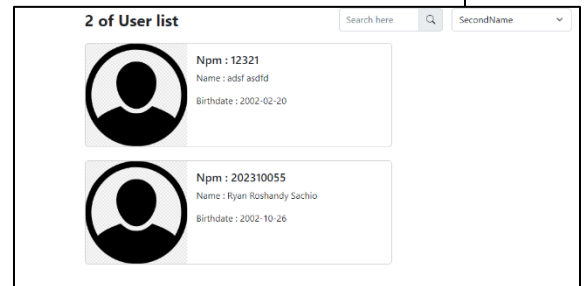
```jsx
                        <label className='form-label'>LastName</label>
                        <input
                            type='text'
                            name='lastname'
                            className='form-control'
                            onChange={(e) => setPostData({ ...postData,
lastname: e.target.value })} />
                    </div>
                    <div className='mb-3'>
                        <label className='form-label'>Email</label>
                        <input
                            type='email'
                            name='email'
                            className='form-control'
                            onChange={(e) => setPostData({ ...postData, email:
e.target.value })} />
                    </div>
                    <div className='mb-3'>
                        <label className='form-label'>Birthdate</label>
                        <input
                            type='string'
                            name='birthdate'
                            className='form-control datepicker'
                            placeholder='YYYY-MM-DD // Year-Month-Day'
                            onChange={(e) => setPostData({ ...postData,
birthdate: e.target.value })} />
                    </div>
                    <div className='text-end mt-3'>
                        <button className='btn btn-light' type='button'>
                            Cancel
                        </button>
                        <button className='btn btn-primary' type='submit'>
                            Submit
                        </button>
                    </div>
                </form>
            </div>
        </div>
    );
}
```

index.js

```
export {Users} from './Users';
export {Form} from './Form'
```

MasterData.js

```jsx
import React, { Component } from "react";
import { NavLink, Outlet } from "react-router-dom";

export default class MasterData extends Component {
  constructor(props) {
    super(props);
    this.state = {
      items: [
        { id: 1, name: "Products", link: "/master-data/products" },
        { id: 2, name: "Users", link: "/master-data/users" },
      ],
    };
  }
  render() {
    return (
      <div id="master-data" className="container">
        <div className="row items mb-5 justify-content-center">
          {this.state.items.map((v, index) => (
            <div className="col-sm-12 col-lg-3 item btn btn-outline " data-bs-
toggle="button" key={index}>
              <NavLink to={v.link} className="card bg-white text-decoration-
none text-hover-primary" data-bs-toggle="button">
                <div className="card-body text-center">
                  <h3 className="text-dark">{v.name}</h3>
                  <p className="mb-0 text-muted">Master data control
{v.name}</p>
                </div>
              </NavLink>
            </div>
          ))}
        </div>
        <div className="">
            <Outlet />
        </div>
      </div>
    );
  }
}
```