LAPORAN TUGAS MATA KULIAH

PEMROGRAMAN BERBASIS FRAMEWORK



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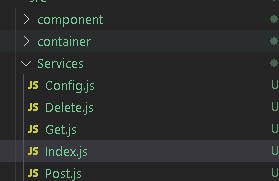
PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

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Services.Js



import GetAPI from "./Get";

import PostAPI from "./Post";

import DeleteAPI from "./Delete";

const getNewsBlog = () => GetAPI('posts?\_sort=id&\_order=desc');

const postNewsBlog = (dataYgDiKirim) => PostAPI('posts', dataYgDiKirim);

const deleteNewsBlog = (dataYgDiHapus) => DeleteAPI('posts', dataYgDiHapus);

const API = {

    getNewsBlog,

    postNewsBlog,

    deleteNewsBlog

}

export default API;

**Source Code**

**Config.Js**

const domainPath = ` http://localhost:3001/`;

export default domainPath;

**Index.js**

import GetAPI from "./Get";

import PostAPI from "./Post";

import DeleteAPI from "./Delete";

const getNewsBlog = () => GetAPI('posts?\_sort=id&\_order=desc');

const postNewsBlog = (dataYgDiKirim) => PostAPI('posts', dataYgDiKirim);

const deleteNewsBlog = (dataYgDiHapus) => DeleteAPI('posts', dataYgDiHapus);

const API = {

    getNewsBlog,

    postNewsBlog,

    deleteNewsBlog

}

export default API;

**Get.js**

import {

    domainPath

} from './Config';

const GetAPI = (path) => {

    const promise = new Promise((resolve, reject) => {

        fetch(`${domainPath}/${path}`)

            .then(response => response.json())

            .then((result) => {

                resolve(result);

            }, (err) => {

                reject(err);

            })

    })

    return promise;

}

export default GetAPI;

**Post.js**

import {

    domainPath

} from './Config';

const PostAPI = (path, data) => {

    const promise = new Promise((resolve, reject) => {

        fetch(`${domainPath}/${path}`, {

                method: "POST",

                headers: {

                    'accept': 'application/json',

                    'Content-Type': 'application/json'

                },

                body: JSON.stringify(data)

            })

            .then((result) => {

                resolve(result);

            }, (err) => {

                reject(err);

            })

    })

    return promise;

}

export default PostAPI;

**Delete.js**

import {

    domainPath

} from './Config';

const DeleteAPI = (path, data) => {

    const promise = new Promise((resolve, reject) => {

        fetch(`${domainPath}/${path}/${data}`, {

                method: "DELETE"

            })

            .then((result) => {

                resolve(result);

            }, (err) => {

                reject(err);

            })

    })

    return promise;

}

export default DeleteAPI;

**BlogPost.Jsx**

import React, { Component } from "react";

import './BlogPost.css';

import Post from "../../component/BlogPost/Post";

import API from "../../Services/Index";

class BlogPost extends Component {

    state = {

        listArtikel: [],

        insertArtikel: {

            userId: 1,

            id: 1,

            title: "",

            body: ""

        }

    }

    ambilDataDariServerAPI() {

        // fetch("http://localhost:3001/posts")

        //     .then(response => response.json())

        //     .then(jsonHasilAmbilDariAPI => {

        //         thssis.setState({

        //             listArtikel: jsonHasilAmbilDariAPI

        //         })

        //     })

        API.getNewsBlog().then(result => {

            this.setState({

                listArtikel: result

            })

        })

    }

    componentDidMount() {

        this.ambilDataDariServerAPI()

    }

    handlerHapusArtikel = (data) => {

        // fetch(`http://localhost:3001/posts/${data}`, { method: "DELETE" })

        //     .then(res => {

        //         this.ambilDataDariServerAPI()

        //     })

        API.deleteNewsBlog(data).then((response) => {

            this.ambilDataDariServerAPI()

        })

    }

    handleTambahArtikel = (event) => {

        let formInsertArtikel = { ...this.state.insertArtikel };

        let timestamp = new Date().getTime();

        formInsertArtikel['id'] = timestamp;

        formInsertArtikel[event.target.name] = event.target.value;

        this.setState({

            insertArtikel: formInsertArtikel

        })

    }

    handlerTombolSimpan = () => {

        // fetch(`http://localhost:3001/posts`, {

        //     method: "post",

        //     headers: {

        //         'accept': 'application/json',

        //         'Content-Type': 'application/json'

        //     },

        //     body: JSON.stringify(this.state.insertArtikel)

        // })

        //     .then(res => {

        //         this.ambilDataDariServerAPI()

        //     })

        API.postNewsBlog(this.state.insertArtikel)

            .then((response) => {

                this.ambilDataDariServerAPI()

            })

    }

    render() {

        return (

            <div className="post-artikel">

                <div className="form pb-2 border-bottom">

                    <div className="form-group row">

                        <label htmlFor="title" className="col-sm-2 col-form-label">Judul</label>

                        <div className="col-sm-10">

                            <input type="text" className="form-control" name="title" id="title" onChange={this.handleTambahArtikel} />

                        </div>

                    </div>

                    <div className="form-group row">

                        <label htmlFor="body" className="col-sm-2 col-form-label">Isi</label>

                        <div className="col-sm-10">

                            <textarea className="form-control" name="body" id="body" rows="3" onChange={this.handleTambahArtikel}></textarea>

                        </div>

                    </div>

                    <button type="submit" className="btn btn-primary" onClick={this.handleTombolSimpan}>Simpan</button>

                </div>

                <h2>Daftar Artikel</h2>

                {

                    this.state.listArtikel.map(artikel => {

                        return <Post key={artikel.id} judul={artikel.title} isi={artikel.body} idArtikel={artikel.id} hapusArtikel={this.handleHapusArtikel} />

                    })

                }

            </div>

        )

    }

}

export default BlogPost;

