

LAPORAN TUGAS MATA KULIAH  
PEMROGRAMAN BERBASIS FRAMEWORK



Nama : Alenovan Wiradhika Putra  
Kelas : TI-3C D-IV T.INFORMATIKA  
NIM : 1741720065  
No. Absen : 02

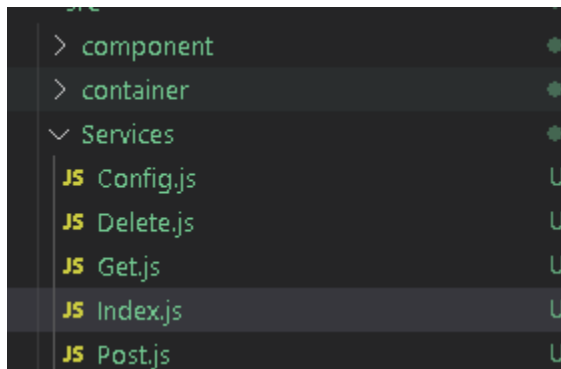
PROGRAM STUDI D-IV TEKNIK INFORMATIKA

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}></tex
tarea>
          </div>
        </div>
        <button type="submit" className="btn btn-
primary" onClick={this.handleTombolSimpan}>Simpan</button>
      </div>
      <h2>Daftar Artikel</h2>
      {
        this.state.listArtikel.map(artikel => {

```

