

Dokumentasi Frontend Pembayaran SPP



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Persiapan Frontend

Setelah selesai membuat backend, sekarang saatnya membuat bagian antar mukanya agar user dapat dengan mudah mengakses logic/fungsi yang ada pada backend. Disini saya memakai **ReactJS** sebagai framework-nya. Perlu diketahui juga dependencies/add on yang saya pakai adalah sebagai berikut:

```
"dependencies": {
  "@craco/craco": "^6.1.2",
  "@popperjs/core": "^2.9.2",
  "@tailwindcss/forms": "^0.3.2",
  "@testing-library/jest-dom": "^5.12.0",
  "@testing-library/react": "^11.2.7",
  "@testing-library/user-event": "^12.8.3",
  "axios": "^0.21.1",
  "react": "^17.0.2",
  "react-dom": "^17.0.2",
  "react-router-dom": "^5.2.0",
  "react-scripts": "4.0.3",
  "web-vitals": "^1.1.2"
},
```

Pastikan dependencies yang digunakan sama agar tidak terjadi error ketika menggunakannya.

I. Persiapan Awal Instalasi ReactJS

1. Membuat folder diluar folder **Backend** dengan nama **Frontend**.
2. Lakukan instalasi react didalam folder Frontend dengan command berikut:

```
npm create-react-app frontend
```

3. Setelah selesai instalasi react selesai buat folder dengan nama **Components** dan **Pages** di dalam folder **src**. Fungsi dari kedua folder ini adalah untuk membagi beberapa components agar tertata secara baik.
4. Berikutnya buat file **Config.js** masih di dalam folder **src**. Masukkan script berikut:

```
const base_url = "http://localhost:8000";  
export {  
  base_url  
}
```

Fungsinya sebagai jembatan untuk akses Rest API nya.

5. Untuk membuat sebuah Router antar components, diperlukan adanya dependencies baru bernama **react-router-dom**. Lakukan installasi terlebih dahulu dengan command berikut:

```
npm install react-router-dom
```

6. Setelah instalasi selesai lakukan perubahan pada file **index.js** seperti pada code dibawah ini:

```
import React from 'react';  
import ReactDOM from 'react-dom';  
import './index.css';  
import App from './App';  
import reportWebVitals from './reportWebVitals';  
import {BrowserRouter} from "react-router-dom";  
ReactDOM.render(  
  <BrowserRouter>  
    <App />  
  </BrowserRouter>,  
  document.getElementById('root')  
)  
;  
reportWebVitals();
```

II. Instalasi Framework Tailwind

Untuk UI nya saya memakai Tailwind karena lebih modern menurut saya dan tentunya mudah untuk di customize. Informasi dokumentasi yang lebih lengkap bisa langsung membukanya di website tailwind tailwindcss.com/docs/guides/create-react-app. Dokumentasi yang saya berikan ini sama persis dengan dokumentasi tailwind versi 2.0. Berikut step by step instalasi framework Tailwind:

1. Pertama, install tailwind dengan command dibawah ini:

```
npm install -D tailwindcss@npm:@tailwindcss/postcss7-compat postcss@^7 autoprefixer@^9
```

2. Install **Craco** untuk mengkonfigurasi Tailwind.

```
npm install @craco/craco
```

3. Setelah terinstal, perbarui scripts di file **package.json** agar dapat menggunakan library craco seperti dibawah ini:

```
"scripts": {  
  "start": "craco start",  
  "build": "craco build",  
  "test": "craco test",  
  "eject": "react-scripts eject"  
},
```

4. Selanjutnya, buat **craco.config.js** di folder root dan tambahkan **tailwindcss** dan **autoprefixer** sebagai plugin PostCSS:

```
// craco.config.js  
module.exports = {  
  style: {  
    postcss: {  
      plugins: [  
        require('tailwindcss'),  
        require('autoprefixer'),  
      ],  
    },  
  },  
}
```

5. Selanjutnya, buat file **tailwind.config.js**:

```
npm tailwindcss init
```

Ini akan membuat file **tailwind.config.js** di folder root. Ubah codenya menjadi seperti dibawah ini:

```
// tailwind.config.js
const colors = require('tailwindcss/colors')
module.exports = {
  theme: {
    extend: {
      colors: {
        'light-blue': colors.lightBlue,
        cyan: colors.cyan,
      },
    },
  },
  variants: {},
  plugins: [
    require('@tailwindcss/forms'),
  ],
}
```

6. Tambahkan Tailwind di CSS React nya. Buka file **./src/index.css** yang dibuat oleh Aplikasi React secara default dan gunakan direktif **@tailwind** untuk menyertakan gaya dasar, komponen, dan utilitas Tailwind, menggantikan konten file aslinya:

```
/* ./src/index.css */
@tailwind base;
@tailwind components;
@tailwind utilities;
```

Dengan ini Tailwind akan mengubah seluruh CSS React dengan CSS dari Tailwind.

7. Terakhir, pastikan file CSS di import di file **./src/index.js**:

```
// src/index.js
import React from 'react';
import ReactDOM from 'react-dom';
import './index.css';
import App from './App';
import reportWebVitals from './reportWebVitals';
import {BrowserRouter} from "react-router-dom";
ReactDOM.render(
  <BrowserRouter>
  <App />
</BrowserRouter>,
  document.getElementById('root')
);
reportWebVitals();
```

III. Membuat Components dan Pages

Pada bagian ini kita akan membuat Components yang diperlukan dan membuat halaman yang akan menampilkan components itu sendiri.

1. Pertama, install **Axios**. Ini berguna untuk melakukan request dan response kepada RestAPI dalam aplikasi ReactJS. Berikut command-nya:

```
npm install axios
```

2. Setelah axios terinstall selanjutnya membuat pages dan components. Buka folder **pages** dan buat 4 file baru, yaitu:

Dashboard.js, Login.js, Siswa.js, Setting.js

3. Masukkan script berikut sesuai dengan nama filenya:

// Dashboard.js

```
import React from "react";
import axios from "axios";
import { base_url } from "../Config.js";
import { Link } from "react-router-dom";

// components
import Tabs from '../Components/Tabs'
import RIWAYAT PEMBAYARAN from '../Components/Table_Riwayat_Pembayaran'
import Kelas from '../Components/Table_Kelas'
import Petugas from '../Components/Table_Petugas'
import Siswa from '../Components/Table_Siswa'
import Spp from '../Components/Table_Spp'

class Dashboard extends React.Component{
  constructor(){
    super()
    this.state = {
      token: "",
      userData: "",
      data_pembayaran: [],
      data_petugas: [],
      data_siswa: [],
      data_kelas: [],
      message: "",
      found: ""
    }
    // dapetin token dari localStorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
    } else {
      // token ga ada, redirect ke laman Login
      window.location = "/login"
    }
  }
}
```

```
getUser = () => {
  let userdata = JSON.parse(localStorage.getItem("user"))
  this.setState({
    userData: userdata
  })
}

getDataPembayaran = () => {
  let url = base_url + "/pembayaran"

  axios.get(url,{
    headers:{
      Authorization: "Bearer " + this.state.token
    }
  })
  .then(response => {
    this.setState({
      found: response.data.found
    })
    if(this.state.found){
      let data_pembayaran = JSON.parse(JSON.stringify(response.data.pembayaran))

      this.setState({
        data_pembayaran: data_pembayaran
      })
    } else {
      this.setState({
        message: response.data.message
      })
    }
  })
  .catch(error => console.log(error))
}

getDataPetugas = () => {
  let url = base_url + "/petugas"

  axios.get(url,{
    headers:{
      Authorization: "Bearer " + this.state.token
    }
  })
  .then(response => {
    let data_petugas = JSON.parse(JSON.stringify(response.data.petugas))
    this.setState({
      data_petugas: data_petugas
    })
  })
  .catch(error => console.log(error))
}

getDataSiswa = () => {
```

```

        let url = base_url + "/siswa"

        axios.get(url,{
            headers:{
                Authorization: "Bearer " + this.state.token
            }
        })
        .then(response => {
            let data_siswa = JSON.parse(JSON.stringify(response.data.siswa))
            this.setState({
                data_siswa: data_siswa
            })
        })
        .catch(error => console.log(error))
    }

    getDataKelas = () => {
        let url = base_url + "/kelas"

        axios.get(url,{
            headers:{
                Authorization: "Bearer " + this.state.token
            }
        })
        .then(response => {
            let data_kelas = JSON.parse(JSON.stringify(response.data.kelas))
            this.setState({
                data_kelas: data_kelas
            })
        })
        .catch(error => console.log(error))
    }

    Logout = () => {
        localStorage.removeItem("token");
        localStorage.removeItem("user");
        window.location = "/login"
    }

    componentDidMount(){
        this.getUser()
        this.getDataPembayaran()
        this.getDataPetugas()
        this.getDataSiswa()
        this.getDataKelas()
    }

    render(){
        return(
            <div>
                { /* Page title starts */ }
                <div className="mt-10 lg:mt-9 container px-6 mx-auto flex flex-
col lg:flex-row items-start items-center justify-between pb-4 border-b border-
gray-300">

```



```

        <div className="mx-auto">
            <h4 className="text-2xl font-bold leading-tight text-gray-800 text-center">{this.state.userData.nama_petugas}</h4>
            <ul className="flex flex-col md:flex-row items-start md:items-center text-gray-600 text-sm mt-3">
                <li className="flex items-center mr-3 mt-3 md:mt-0">
                    <span className="mr-2">
                        <svg xmlns="http://www.w3.org/2000/svg" width="17" height="17" viewBox="0 0 24 24" fill="none" stroke="#000000" stroke-width="1.5" stroke-linecap="round" stroke-linejoin="bevel"><rect x="4" y="4" width="16" height="16" rx="2" ry="2"></rect><rect x="9" y="9" width="6" height="6"></rect><line x1="9" y1="1" x2="9" y2="4"></line><line x1="15" y1="1" x2="15" y2="4"></line><line x1="9" y1="20" x2="9" y2="23"></line><line x1="15" y1="20" x2="15" y2="23"></line><line x1="20" y1="9" x2="23" y2="9"></line><line x1="20" y1="14" x2="23" y2="14"></line><line x1="1" y1="9" x2="4" y2="9"></line><line x1="1" y1="14" x2="4" y2="14"></line></svg>
                    </span>
                    <span>Username: {this.state.userData.username}</span>
                </li>
                <li className="flex items-center mr-3 mt-3 md:mt-0">
                    <span className="mr-2">
                        <svg xmlns="http://www.w3.org/2000/svg" width="17" height="17" viewBox="0 0 24 24" fill="none" stroke="#000000" stroke-width="1.5" stroke-linecap="round" stroke-linejoin="bevel"><circle cx="12" cy="12" r="10"/><path d="M16.2 7.81-2 6.3-6.4 2.1 2-6.3z"/></svg>
                    </span>
                    <span>Role: {this.state.userData.level}</span>
                </li>
                <li className="flex items-center mt-3 md:mt-0">
                    <span className="mr-2">
                        <svg xmlns="http://www.w3.org/2000/svg" width="17" height="17" viewBox="0 0 24 24" fill="none" stroke="#000000" stroke-width="1.5" stroke-linecap="round" stroke-linejoin="bevel"><path d="M16 21v-2a4 4 0 0 0-4-4H5a4 4 0 0 0-4 4v2"></path><circle cx="8.5" cy="7" r="4"></circle><polyline points="17 11 19 13 23 9"></polyline></svg>
                    </span>
                    <span>ID: {this.state.userData.id_petugas}</span>
                </li>
            </ul>
        </div>
        <div className="mt-6">
            <Link to="/setting">
                <button className="mx-2 my-2 bg-white transition duration-150 ease-in-out focus:outline-none hover:bg-gray-100 rounded text-indigo-700 px-6 py-2 text-sm">Setting</button>
            </Link>
            <button onClick={() => this.Logout()} className="transition duration-150 ease-in-out hover:bg-indigo-600 focus:outline-none border bg-indigo-700 rounded text-white px-8 py-2 text-sm">Logout</button>
        </div>
    </div>

```

```

        </div>
    </div>
    <div className="w-full bg-gray-200 dark:bg-gray-900 py-10">
        <div className="container mx-auto px-6 flex items-
start justify-center">
            <div className="w-full">
                { /* Card code block start */ }
                <div className="flex flex-col lg:flex-row mx-auto w-
full bg-white dark:bg-gray-800 shadow rounded">
                    <div className="w-full p-6 border-t border-
b lg:border-t-0 lg:border-b-0 sm:border-l sm:border-r border-gray-300">
                        <div className="flex flex-col lg:flex-
row items-start lg:items-center justify-between">
                            <div className="mt-3 text-xl text-
center w-full bg-indigo-100 text-indigo-700 dark:text-indigo-600 rounded font-
medium p-3 lg:mr-3">
                                Jumlah Transaksi: {this.state.data_p
embayaran.length}
                            </div>
                            <div className="mt-3 text-xl text-
center w-full bg-indigo-100 text-indigo-700 dark:text-indigo-600 rounded font-
medium p-3 lg:mr-3">
                                Jumlah Siswa: {this.state.data_siswa
.length}
                            </div>
                            <div className="mt-3 text-xl text-
center w-full bg-indigo-100 text-indigo-700 dark:text-indigo-600 rounded font-
medium p-3 lg:mr-3">
                                Jumlah Petugas: {this.state.data_pet
ugas.length}
                            </div>
                            <div className="mt-3 text-xl text-
center w-full bg-indigo-100 text-indigo-700 dark:text-indigo-600 rounded font-
medium p-3">
                                Jumlah Kelas: {this.state.data_kelas
.length}
                            </div>
                        </div>
                    </div>
                    <div className="mt-6 mb-8 w-full bg-gray-
100 dark:bg-gray-700 rounded p-4 relative break-words">
                        <h4 className="text-2xl font-
bold leading-tight text-gray-800 mb-
4">Data lengkap {this.state.userData.level}: </h4>
                        <ul>
                            <li className="text-md text-gray-
600 dark:text-gray-400 font-normal tracking-normal my-2">-
ID {this.state.userData.level}: {this.state.userData.id_petugas}</li>
                            <li className="text-md text-gray-
600 dark:text-gray-400 font-normal tracking-normal my-2">-
Username: {this.state.userData.username}</li>
                            <li className="text-md text-gray-
600 dark:text-gray-400 font-normal tracking-normal my-2">-
Nama: {this.state.userData.nama_petugas}</li>

```

```

        <li className="text-md text-gray-
600 dark:text-gray-400 font-normal tracking-normal my-2">-
    Role: {this.state.userData.level}</li>
    </ul>
  </div>
</div>
</div>
</div>
</div>
</div>
</div>

<div className="w-full bg-gray-200 dark:bg-gray-900 pb-10">
  <div className="container mx-auto px-6 flex items-
start justify-center">
    <div className="w-full">
      {/* Tabs 1 */}
      <h4 className="text-2xl font-bold leading-
tight text-gray-800">Admin Tabs</h4>
      <Tabs color="indigo" title1="Petugas" tab1={
        <Petugas/>
      )}
      title2="Siswa" tab2={
        <Siswa/>
      )}
      title3="Tabs3" tab3={
        <div className="mt-6 mb-8 w-full bg-gray-
100 dark:bg-gray-700 rounded p-4 relative break-words">
          <div className="relative p-6 flex-auto">
            <div class="mt-10 sm:mt-0">
              <div class="px-4 sm:px-0">
                <h3 class="text-lg font-
medium leading-6 text-gray-900">Lorem Ipsum</h3>
                <p class="mt-1 text-sm text-
gray-600 text-justify">
                  Lorem ipsum dolor sit amet conse
ctetur adipisicing elit. Maxime mollitia,
molestiae quas vel sint commodi
numquam blanditiis harum quisqua
m eius sed odit fugiat iusto fuga praesentium
optio, eaque rerum! Provident si
milique accusantium nemo autem. Veritatis
obcaecati tenetur iure eius earu
m ut molestias architecto voluptate aliquam
nihil, eveniet aliquid culpa off
icia aut! Impedit sit sunt quaerat, odit,
tenetur error, harum nesciunt ip
sum debitis quas aliquid. Reprehenderit,
quia. Quo neque error repudianda
e fuga? Ipsa laudantium molestias eos
sapiente officiis modi at sunt e
xcepturi expedita sint? Sed quibusdam

```

ime adipisci amet laborum. Perspiciatis
s iure rerum voluptates a cumque velit
laborum ab, eius fugit doloribus tenetur
iusto libero magni deleniti quod quam
epturi repudiandae velit hic maxime
mmodi consectetur veniam similique ad
s, hic voluptates pariatur est explicabo
piditate excepturi mollitia maiores labore
oluptatem quaerat non architecto ab laudantium
sint culpa, recusandae aliquam numquam
citationem fuga. Possimus quis earum veniam
qui corporis!

recusandae alias error harum max
minima nesciunt dolorem! Officii
quibusdam sed amet tempora. Sit
fugiat, temporibus enim commodi
consequuntur! Commodi minima exc
doloremque. Quaerat provident co
earum omnis ipsum saepe, volupta
fugiat, dolorum eligendi quam cu
suscipit quas? Nulla, placeat. V
modi minima sunt esse temporibus
totam ratione voluptas quod exer
quasi aliquam eligendi, placeat

```
        </p>
      </div>
    </div>
  </div>
</div>
  )}
/>

  { /* Tabs 2 */ }
  <h4 className="text-2xl font-bold leading-
tight text-gray-800">Siswa Tabs</h4>
  <Tabs color="indigo" title1="Riwayat Pembayaran" tab
1={({
    <RIWAYAT_PEMBAYARAN/>
  )}

  title2="Kelas" tab2=({
    <Kelas/>
  )}

  title3="SPP" tab3={
    <Spp/>
  }/>
  <div className="text-center mt-4">
    <button type="button" className="text-gray-
800 text-sm" onClick={() => this.Logout()}>Kembali ke halaman login</button>
    <p className="text-gray-500 text-
sm">Hello World! | <a href="https://github.com/wisnusat" target="_blank" rel="no
referrer">It's me Wisnu</a></p>
```

```

        <p className="text-gray-500 text-sm">&copy;2021</p>
      </div>
    </div>
  </div>
</div>
)
}
}

export default Dashboard;

```

// Login.js

```

import React from "react";
import axios from "axios";
import { base_url } from "../Config.js";

class Login extends React.Component{
  constructor(){
    super()
    this.state = {
      username: "admin",
      password: "admin",
      level: "admin",
      nispn: "12345",
      message: "",
      logged: true,
      token: ""
    }
    // dapetin token dari localStorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
      window.location = "/"
    }
  }

  FindSiswa = event => {
    event.preventDefault() // menghilangkan effect refreshpage
    let nispn = '/' + this.state.nispn
    window.location = '/siswa' + nispn
  }

  Login = event => {
    event.preventDefault() // menghilangkan effect refreshpage

    let data = {
      username: this.state.username,
      password: this.state.password,
      level: this.state.level
    }
  }
}

```

```

let url = base_url + "/auth"

    axios.post(url, data)
    .then(response => {
        this.setState({
            logged: response.data.logged
        })
        if(this.state.logged){
            let user = response.data.data
            let token = response.data.token

            // set to local storage
            localStorage.setItem("user", JSON.stringify(user))
            localStorage.setItem("token", token)

            // redirect
            // this.props.history.push("/dashboard")
            window.location = '/dashboard'
        } else {
            this.setState({
                message: response.data.message
            })
        }
    })
    .catch(error => console.log(error))
}

render(){
    return(
        <div className="login">
            <div class="min-h-screen flex items-center justify-center bg-gray-50 py-12 px-4 sm:px-6 lg:px-8">
                <div class="max-w-md w-full space-y-8">
                    <div>
                        
                        <h2 class="mt-6 text-center text-3xl font-extrabold text-gray-900">
                            { this.state.level !== "siswa" ? (
                                <div>
                                    Sign in to your account
                                </div>
                            ) :
                                <div>
                                    Search your data
                                </div>
                            }
                        </h2>
                        { !this.state.logged ? (
                            <div class="bg-red-100 border border-red-400 text-red-700 px-4 py-3 rounded relative my-5 text-center" role="alert">

```

```

                                <strong class="font-
bold">Oops! </strong>
                                <span class="block sm:inline">{ this.sta
te.message }</span>
                                </div>
                                ) : null }
                                </div>
                                <form class="mt-8 space-y-
6" onSubmit= { this.state.level !== "siswa" ? ev => this.Login(ev) : ev => this
.FindSiswa(ev) }>
                                <input type="hidden" name="remember" value="true"/>
                                <div class="rounded-md shadow-sm -space-y-px">
                                    <select required class="appearance-none rounded-
none relative block w-full px-3 py-2 border border-gray-300 placeholder-gray-
500 text-gray-900 rounded-t-md focus:outline-none focus:ring-indigo-
500 focus:border-indigo-500 focus:z-10 sm:text-sm"
                                    value={this.state.level} onChange={ ev => this.s
etState({ level: ev.target.value }) }>
                                        <optgroup Label="Select Role:">
                                            <option value="siswa" >Siswa</option>
                                            <option value="admin" >Admin</option>
                                            <option value="petugas" >Petugas</option
>
                                        </optgroup>
                                    </select>
                                    { this.state.level !== "siswa" ? (
                                        <div>
                                            <div>
                                                <label for="username" class="sr-
only">Username</label>
                                                <input id="username" name="username"
type="username" autocomplete="username" required class="appearance-
none rounded-none relative block w-full px-3 py-2 border border-gray-
300 placeholder-gray-500 text-gray-900 focus:outline-none focus:ring-indigo-
500 focus:border-indigo-500 focus:z-10 sm:text-sm" placeholder="Username"
                                                value={ this.state.username } onChan
ge={ ev => this.setState({ username: ev.target.value }) }/>
                                            </div>
                                            <div>
                                                <label for="password" class="sr-
only">Password</label>
                                                <input id="password" name="password"
type="password" autocomplete="current-password" required class="appearance-
none rounded-none relative block w-full px-3 py-2 border border-gray-
300 placeholder-gray-500 text-gray-900 rounded-b-md focus:outline-
none focus:ring-indigo-500 focus:border-indigo-500 focus:z-10 sm:text-
sm" placeholder="Password"
                                                value={ this.state.password } onChan
ge={ ev => this.setState({ password: ev.target.value }) }/>
                                            </div>
                                        </div>
                                    ) :
                                </div>

```

```

                                <label for="nisen" class="sr-
only">nisen</label>
                                <input id="nisen" name="nisen" type="number" a
utocomplete="nisen" required class="appearance-none rounded-
none relative block w-full px-3 py-2 border border-gray-300 placeholder-gray-
500 text-gray-900 rounded-b-md focus:outline-none focus:ring-indigo-
500 focus:border-indigo-500 focus:z-10 sm:text-sm" placeholder="NISN"
                                value={ this.state.nisen } onChange={ ev => t
his.setState({ nisen: ev.target.value }) }/>
                                </div>
                                }
                                </div>
                                { this.state.level !== "siswa" ? (
                                <div>
                                <div>
                                <button type="submit" class="group relative
w-full flex justify-center py-2 px-4 border border-transparent text-sm font-
medium rounded-md text-white bg-indigo-600 hover:bg-indigo-700 focus:outline-
none focus:ring-2 focus:ring-offset-2 focus:ring-indigo-500">
                                <span class="absolute left-0 inset-y-
0 flex items-center pl-3">
                                { /* <!-- Heroicon name: solid/lock-
closed --> */}
                                <svg class="h-5 w-5 text-indigo-
500 group-hover:text-indigo-
400" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 20 20" fill="currentColor"
aria-hidden="true">
                                <path fill-
rule="evenodd" d="M5 9V7a5 5 0 0110 0v2a2 2 0 012 2v5a2 2 0 01-2 2H5a2 2 0 01-2
2v-5a2 2 0 012-2zm8-2v2H7V7a3 3 0 016 0z" clip-rule="evenodd" />
                                </svg>
                                </span>
                                Sign in
                                </button>
                                </div>
                                </div>
                                ) :
                                <div>
                                <button type="submit" class="group relative
w-full flex justify-center py-2 px-4 border border-transparent text-sm font-
medium rounded-md text-white bg-indigo-600 hover:bg-indigo-700 focus:outline-
none focus:ring-2 focus:ring-offset-2 focus:ring-indigo-500">
                                <span class="absolute left-0 inset-y-
0 flex items-center pl-3">
                                { /* <!-- Heroicon name: solid/lock-
closed --> */}
                                <svg class="h-5 w-5 text-indigo-
500 group-hover:text-indigo-
400" xmlns="http://www.w3.org/2000/svg" viewBox="0 0 20 20" fill="currentColor"
aria-hidden="true">
                                <path fill-
rule="evenodd" d="M5 9V7a5 5 0 0110 0v2a2 2 0 012 2v5a2 2 0 01-2 2H5a2 2 0 01-2
2v-5a2 2 0 012-2zm8-2v2H7V7a3 3 0 016 0z" clip-rule="evenodd" />

```



```
        </svg>
      </span>
      Search Data
    </button>
  </div>
}
</form>
</div>
</div>
</div>
)
}
}
}
export default Login;
```

// Setting.js

```
import React from "react";
import axios from "axios";
import { Link } from "react-router-dom";
import { base_url } from "../Config.js";
class Setting extends React.Component{
  constructor(){
    super()
    this.state = {
      token: "",
      username: "",
      nama_petugas: "",
      id_petugas: "",
      password: "",
      level: "",
      fillPassword: false
    }
    // dapetin token dari Localstorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
    } else {
      // token ga ada, redirect ke laman login
      window.location = "/login"
    }
  }
  getUser = () => {
    let data = JSON.parse(localStorage.getItem("user"))
    this.setState({
      id_petugas: data.id_petugas,
      username: data.username,
      nama_petugas: data.nama_petugas,
      level: data.level
    })
  }
  Logout = () => {
    localStorage.removeItem("token");
    localStorage.removeItem("user");
    window.location = "/login"
  }
  save = event => {
    event.preventDefault()
    let form;
    if (this.state.fillPassword) {
      form = {
        id_petugas: this.state.id_petugas,
        username: this.state.username,
        nama_petugas: this.state.nama_petugas,
        level: this.state.level,
        password: this.state.password
      }
    }
  }
}
```

```

} else {
form = {
id_petugas: this.state.id_petugas,
username: this.state.username,
nama_petugas: this.state.nama_petugas,
level: this.state.level
}
}
let url = base_url + "/petugas"
axios.put(url, form, { headers:{
Authorization: "Bearer " + this.state.token
}})
.then(response => {
alert("Update Success")
this.Logout()
})
.catch(error => console.log(error))
}
componentDidMount(){
this.getUser()
}
render(){
return(
<div>
{/* Page title starts */}
<div className="mt-10 lg:mt-9 container px-6
mx-auto flex flex-col lg:flex-row items-start items-center
justify-between pb-4 border-b border-gray-300">
<div className="mx-auto">
<h4 className="text-2xl font-bold
leading-tight text-gray-800
text-center">{this.state.nama_petugas}</h4>
<ul className="flex flex-col md:flex-row
items-start md:items-center text-gray-600 text-sm mt-3">
<li className="flex items-center mr-3
mt-3 md:mt-0">
<span className="mr-2">
<svg
xmlns="http://www.w3.org/2000/svg" width="17" height="17"
viewBox="0 0 24 24" fill="none" stroke="#000000"
stroke-width="1.5" stroke-linecap="round"
stroke-linejoin="bevel"><rect x="4" y="4" width="16" height="16"
rx="2" ry="2"></rect><rect x="9" y="9" width="6"
height="6"></rect><line x1="9" y1="1" x2="9" y2="4"></line><line
x1="15" y1="1" x2="15" y2="4"></line><line x1="9" y1="20" x2="9"
y2="23"></line><line x1="15" y1="20" x2="15" y2="23"></line><line
x1="20" y1="9" x2="23" y2="9"></line><line x1="20" y1="14" x2="23"
y2="14"></line><line x1="1" y1="9" x2="4" y2="9"></line><line
x1="1" y1="14" x2="4" y2="14"></line></svg>
</span>
<span>Username:
{this.state.username}</span>
</li>

```

```

<li className="flex items-center mr-3
mt-3 md:mt-0">
<span className="mr-2">
<svg
xmlns="http://www.w3.org/2000/svg" width="17" height="17"
viewBox="0 0 24 24" fill="none" stroke="#000000"
stroke-width="1.5" stroke-linecap="round"
stroke-linejoin="bevel"><circle cx="12" cy="12" r="10"/><path
d="M16.2 7.81-2 6.3-6.4 2.1 2-6.3z"/></svg>
</span>
<span>Role:
{this.state.level}</span>
</li>
<li className="flex items-center mt-3
md:mt-0">
<span className="mr-2">
<svg
xmlns="http://www.w3.org/2000/svg" width="17" height="17"
viewBox="0 0 24 24" fill="none" stroke="#000000"
stroke-width="1.5" stroke-linecap="round"
stroke-linejoin="bevel"><path d="M16 21v-2a4 4 0 0 0-4-4H5a4 4 0 0
0-4 4v2"></path><circle cx="8.5" cy="7" r="4"></circle><polyline
points="17 11 19 13 23 9"></polyline></svg>
</span>
<span>ID:
{this.state.id_petugas}</span>
</li>
</ul>
</div>
<div className="mt-6">
<Link to="/dashboard">
<button className="mx-2 my-2 bg-white
transition duration-150 ease-in-out focus:outline-none
hover:bg-gray-100 rounded text-indigo-700 px-6 py-2
text-sm">Dashboard</button>
</Link>
<button onClick={() => this.Logout()}
className="transition duration-150 ease-in-out hover:bg-indigo-600
focus:outline-none border bg-indigo-700 rounded text-white px-8
py-2 text-sm">Logout</button>
</div>
</div>
<div className="w-full bg-gray-200
dark:bg-gray-900 py-10">
<div className="container mx-auto px-6 flex
items-start justify-center">
<div className="w-full">
{ /* Card code block start */}
<div className="flex flex-col
lg:flex-row mx-auto w-full bg-white dark:bg-gray-800 shadow
rounded">
<div className="w-full p-6
border-t border-b lg:border-t-0 lg:border-b-0 sm:border-l

```

```

sm:border-r border-gray-300">
<h4 className="text-2xl
font-bold leading-tight text-gray-800 text-center mb-5">
Ubah Profile Anda
</h4>
<div className="mt-6 mb-8
w-full bg-gray-100 dark:bg-gray-700 rounded p-4 relative
break-words">
<div className="relative
p-6 flex-auto">
<div class="mt-10
sm:mt-0">
<div
class="md:grid md:grid-cols-3 md:gap-6">
<div
class="md:col-span-1">
<div
class="px-4 sm:px-0">
<h3
class="text-lg font-medium leading-6 text-gray-900">UPDATE
Admin/Petugas</h3>
<p
class="mt-1 text-sm text-gray-600">
Gunakan untuk menambah petugas maupun admin<br/><br/>
Syarat
Penggunaan: <br/>
-
Wajib memasukan semua kolom <br/>
-
Pilih level sesuka anda
</p>
</div>
</div>
<div
class="mt-5 md:mt-0 md:col-span-2">
<form
method="POST" onSubmit={ev => this.save(ev)}>
<div
class="shadow overflow-hidden sm:rounded-md">
<div class="px-4 py-5 bg-white sm:p-6">
<div class="grid grid-cols-6 gap-6">
<div class="col-span-6 sm:col-span-4">
<label for="nama_petugas" class="block text-sm font-medium
text-gray-700">Nama Admin / Petugas</label>
<input type="text" name="nama_petugas" id="nama_petugas"
autocomplete="nama_petugas"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.nama_petugas}
onChange={ev => this.setState({nama_petugas: ev.target.value})}
required/>
</div>
</div>
<div class="col-span-6 sm:col-span-3">

```

```

<label for="username" class="block text-sm font-medium
text-gray-700">Username</label>
<input type="text" name="username" id="username"
autocomplete="username"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.username}
onChange={ev => this.setState({username: ev.target.value})}
required/>
</div>
{ this.state.fillPassword === false ? (
<div class="col-span-6 sm:col-span-3">
<label for="password" class="block text-sm font-medium
text-gray-700">Password</label>
<button className="inline-flex justify-center py-2 px-4 border
border-transparent shadow-sm text-sm font-medium rounded-md
text-white bg-indigo-600 hover:bg-indigo-800 focus:outline-none
focus:ring-2 focus:ring-offset-2 focus:ring-green-500"
type="button"
onClick={() => this.setState({fillPassword: true})}>
Change Password
</button>
</div>
) : (
<div class="col-span-6 sm:col-span-3">
<label for="password" class="block text-sm font-medium
text-gray-700">Password</label>
<input type="password" name="password" id="password"
autocomplete="password"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.password} placeholder="*****"
onChange={ev => this.setState({password: ev.target.value})}
required/>
</div>
)}
<div class="col-span-6 sm:col-span-3">
<label for="level" class="block text-sm font-medium
text-gray-700">Role / Level ({this.state.level})</label>
<select id="level" name="level"
class="mt-1 block w-full py-2 px-3 border border-gray-300 bg-white
rounded-md shadow-sm focus:outline-none focus:ring-indigo-500
focus:border-indigo-500 sm:text-sm"
value={this.state.level}
onChange={ ev => this.setState({ level: ev.target.value }) }>
<option value="admin">Admin</option>
<option value="petugas">Petugas</option>
</select>
</div>
</div>
</div>
<div class="px-4 py-3 bg-gray-50 text-right sm:px-6">
<button

```

[illegible]

// Siswa.js

```
import React from "react";
import { Link } from "react-router-dom";
import axios from "axios";
import { base_url } from "../Config.js";

// components
import Alert from '../Components/Alert'

class Dashboard extends React.Component{
  constructor(){
    super()
    this.state = {
      nispn: "",
      data_siswa: "",
      data_spp: "",
      data_pembayaran: [],
      data_kelas: "",
      message: "",
      found: ""
    }
  }

  getData = () => {
    let nispn = '/' + this.props.match.params.nispn
    let url = base_url + "/siswa" + nispn;

    axios.get(url)
      .then(response => {
        this.setState({
          found: response.data.found
        })

        if(this.state.found){
          let siswa = response.data.data_siswa
          let kelas = siswa.kelas
          let spp = siswa.spp
          let pembayaran = siswa.pembayaran

          this.setState({
            data_siswa: siswa,
            data_spp: spp,
            data_pembayaran: pembayaran,
            data_kelas: kelas,
            nispn: siswa.nispn,
            message: response.data.message
          })
        }
      })
  }
}
```



```

} else {

    this.setState({
        message: response.data.message
    })
}

})

.catch(error => console.log(error))
}

componentDidMount(){
    if(!this.props.match.params.nisn){
        window.location = '/login'
    }
    this.getData()
}

render(){
    return(
        <>
            { /* Page title starts */ }
            { this.state.found ? (
                <>
                    <div className="mt-6 lg:mt-9 container px-6 mx-
auto flex flex-col lg:flex-row items-start lg:items-center justify-between pb-
4 border-b border-gray-300">
                        <div className="mx-auto">
                            <h4 className="text-2xl font-bold leading-
tight text-gray-800 text-center">{this.state.data_siswa.nama}</h4>
                            <ul className="flex flex-col md:flex-row items-
start md:items-center text-gray-600 text-sm mt-3">
                                <li className="flex items-center mr-3 mt-
3 md:mt-0">
                                    <span className="mr-2">
                                        <svg xmlns="http://www.w3.org/2000/svg" widt
h="17" height="17" viewBox="0 0 24 24" fill="none" stroke="#000000" stroke-
width="1.5" stroke-linecap="round" stroke-
linejoin="bevel"><rect x="4" y="4" width="16" height="16" rx="2" ry="2"></rect><
rect x="9" y="9" width="6" height="6"></rect><line x1="9" y1="1" x2="9" y2="4"><
/line><line x1="15" y1="1" x2="15" y2="4"></line><line x1="9" y1="20" x2="9" y2=
"23"></line><line x1="15" y1="20" x2="15" y2="23"></line><line x1="20" y1="9" x2
="23" y2="9"></line><line x1="20" y1="14" x2="23" y2="14"></line><line x1="1" y1
="9" x2="4" y2="9"></line><line x1="1" y1="14" x2="4" y2="14"></line></svg>
                                        </span>
                                        <span>{this.state.data_kelas.nama_kelas}</sp
an>
                                    </li>
                                    <li className="flex items-center mr-3 mt-
3 md:mt-0">
                                        <span className="mr-2">
                                            <svg xmlns="http://www.w3.org/2000/svg" widt
h="17" height="17" viewBox="0 0 24 24" fill="none" stroke="#000000" stroke-
width="1.5" stroke-linecap="round" stroke-

```

```

linejoin="bevel"><circle cx="12" cy="12" r="10"/><path d="M16.2 7.8l-2 6.3-
6.4 2.1 2-6.3z"/></svg>
</span>
<span>{this.state.data_kelas.kompetensi_keah
lian}</span>
</li>
<li className="flex items-center mt-3 md:mt-0">
<span className="mr-2">
<svg xmlns="http://www.w3.org/2000/svg" widt
h="17" height="17" viewBox="0 0 24 24" fill="none" stroke="#000000" stroke-
width="1.5" stroke-linecap="round" stroke-linejoin="bevel"><path d="M16 21v-
2a4 4 0 0 0-4-4H5a4 4 0 0 0-
4 4v2"></path><circle cx="8.5" cy="7" r="4"></circle><polyline points="17 11 19
13 23 9"></polyline></svg>
</span>
<span>NISN: {this.state.nisn}</span>
</li>
</ul>
</div>
</div>
<div className="w-full bg-gray-200 dark:bg-gray-900 py-10">
<div className="container mx-auto px-6 flex items-
start justify-center">
<div className="w-full">
/* Card is full width. Use in 12 col grid for b
est view. */
/* Card code block start */
<div className="flex flex-col lg:flex-row mx-
auto w-full bg-white dark:bg-gray-800 shadow rounded">
<div className="w-full p-6 border-t border-
b lg:border-t-0 lg:border-b-0 sm:border-l sm:border-r border-gray-300">
<div className="flex flex-col lg:flex-
row items-start lg:items-center justify-between">
<div className="text-xl text-
center w-full bg-indigo-100 text-indigo-700 dark:text-indigo-600 rounded font-
medium p-3 lg:mr-3">
SPP Tahun {this.state.data_spp.t
ahun} || Rp {this.state.data_spp.nominal}
</div>
<div className="mt-4 text-center w-
full lg:mt-0 text-xl bg-red-200 text-red-500 rounded font-medium p-3">
Sisa Saldo || Rp{ this.state.sis
a }
</div>
</div>
<div className="mt-6 mb-8 w-full bg-
gray-100 dark:bg-gray-700 rounded p-4 relative">
<h4 className="text-2xl font-
bold leading-tight text-gray-800 mb-4">Data Lengkap Siswa: </h4>
<ul>
<li className="text-md text-
gray-600 dark:text-gray-400 font-normal tracking-normal my-2">-
NISN: {this.state.nisn}</li>

```

```

<li className="text-md text-
gray-600 dark:text-gray-400 font-normal tracking-normal my-2">-
NIS: {this.state.data_siswa.nis}</li>
<li className="text-md text-
gray-600 dark:text-gray-400 font-normal tracking-normal my-2">-
Nama: {this.state.data_siswa.nama}</li>
<li className="text-md text-
gray-600 dark:text-gray-400 font-normal tracking-normal my-2">-
Nomor Telepon: {this.state.data_siswa.no_telp}</li>
<li className="text-md text-
gray-600 dark:text-gray-400 font-normal tracking-normal my-2">-
Alamat: {this.state.data_siswa.alamat}</li>
<li className="text-md text-
gray-600 dark:text-gray-400 font-normal tracking-normal my-2">-
Nama Kelas: {this.state.data_kelas.nama_kelas}</li>
<li className="text-md text-
gray-600 dark:text-gray-400 font-normal tracking-normal my-2">-
Jurusan: {this.state.data_kelas.kompetensi_keahlian}</li>
</ul>
</div>

{/* <!--
This example requires Tailwind CSS v2.0+ --> */}
{this.state.data_pembayaran.length ? (
<>
<h4 className="text-2xl font-
bold leading-tight text-gray-800 text-center mb-8">Riwayat Pembayaran</h4>
<div class="flex flex-col">
<div class="-my-2 overflow-
x-auto sm:-mx-6 lg:-mx-8">
<div class="py-2 align-
middle inline-block min-w-full sm:px-6 lg:px-8">
<div class="shadow o
verflow-hidden border-b border-gray-200 sm:rounded-lg">
<table class="mi
n-w-full divide-y divide-gray-200">
<thead class
="bg-gray-50">
<tr>
<th scop
e="col" class="px-6 py-3 text-left text-xs font-medium text-gray-
500 uppercase tracking-wider">
Tang
gal
</th>
<th scop
e="col" class="px-6 py-3 text-left text-xs font-medium text-gray-
500 uppercase tracking-wider">
Juml
ah Bayar
</th>

```

```

<th scope="col" class="px-6 py-3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">
    Auditor
</th>
<th scope="col" class="relative px-6 py-3">
    <span class="sr-only">Sign</span>
</th>
</tr>
</thead>
<tbody class="bg-white divide-y divide-gray-200">
    { this.state.data_pembayaran.map( item => (
        <tr>
            <td class="px-6 py-4 whitespace-nowrap">
                <div class="text-sm text-gray-900">
                    {item.tgl_bayar}
                </div>
            </td>
            <td class="px-6 py-4 whitespace-nowrap">
                { item.jumlah_bayar >= item.spp.nominal ? (
                    <>
                        { item.jumlah_bayar === item.spp.nominal ? (
                            <div class="text-sm text-gray-900">
                                Rp{ item.jumlah_bayar }
                            </div>
                        ) :
                        <>
                            <div class="text-sm text-gray-900">
                                Rp{ item.jumlah_bayar } - Rp{item.spp.nominal}
                            </div>
                        </div>
                    ) :
                }
            </td>
        </tr>
    ) ) }

```

```
        <span class="px-2 inline-flex text-xs leading-5 font-semibold rounded-
full bg-yellow-100 text-yellow-800">
```

```
        Sisa: Rp{item.jumlah_bayar - item.spp.nominal}
```

```
    </span>
```

```
</>
```

```
}
```

```
</>
```

```
) :
```

```
<>
```

```
    <div class="text-sm text-gray-900">
```

```
        Rp{ item.jumlah_bayar} - Rp{item.spp.nominal}
```

```
    </div>
```

```
    <span class="px-2 inline-flex text-xs leading-5 font-semibold rounded-
full bg-red-100 text-red-800">
```

```
        Kurang: Rp{item.spp.nominal - item.jumlah_bayar}
```

```
    </span>
```

```
</>
```

```
}
```

```
</td
```

```
>
```

```
<td
```

```
class="px-6 py-4 whitespace-nowrap text-sm text-gray-900">
```

```
{item.petugas.nama_petugas}
```

```
</td
```

```
>
```

```
<td
```

```
class="px-6 py-4 whitespace-nowrap text-right text-sm font-medium">
```

```
{ item.jumlah_bayar < item.spp.nominal ? (
```

```
    <span class="px-2 inline-flex text-xs leading-5 font-semibold rounded-
full bg-red-100 text-red-800">
```

```
        Belum Lunas
```

```

        </span>
    ) :
    <span class="px-2 inline-flex text-xs leading-5 font-semibold rounded-full bg-
green-100 text-green-800">

        Lunas

    </span>

}
</td
>
</tr
>

)) }
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
) :
    <h4 className="text-2xl font-
bold leading-tight text-gray-800 text-center mb-
8">Tidak Ada Riwayat Pembayaran</h4>
    }
    <div className="text-center mt-4">
        <Link className="text-gray-600 text-
sm" to="/login">Kembali ke halaman login</Link>
    </div>
</div>
</div>
<Alert color="green" rounded="rounded-b-lg">
    {this.state.message}
</Alert>
</div>
</div>
</div>
</>
) :
    <div className="w-full bg-gray-200 dark:bg-gray-900 py-10">
        <div className="container mx-auto px-6 flex items-
start justify-center">

            <div className="w-full">
                /* Card is full width. Use in 12 col grid for b
est view. */
                /* Card code block start */

```

```

        <div className="flex flex-col lg:flex-row mx-
auto w-full bg-white dark:bg-gray-800 shadow rounded">
            <div className="w-full p-6 border-t border-
b lg:border-t-0 lg:border-b-0 sm:border-l sm:border-r border-gray-300">
                <div className="mt-6 mb-8 w-
full rounded p-4 relative text-center">
                    <h4 className="text-2xl font-
bold leading-tight text-dark-800">
                        Data Tidak di Temukan!
                    </h4>
                    <Link className="text-gray-600 text-
sm" to="/login">Kembali ke halaman login</Link>
                </div>
            </div>
        </div>
        <Alert color="red" rounded="rounded-b-lg">
            {this.state.message}
        </Alert>
        /* Card code block end */
    </div>
</div>
</div>
}
</>
)
}
}
export default Dashboard;

```

- Setelah selesai membuat Pages, tahap selanjutnya adalah membuat componentsnya. Lakukan sama seperti diatas.

// Alert.js

```

import React from "react";
function Alert(props) {
    return (
        <div className={`text-center w-full text-xl
bg-${props.color}-200 text-${props.color}-500 ${props.rounded}
font-medium p-3`}>
            {props.children}
        </div>
    )
}
export default Alert;

```

// Table_Kelas.js

```
import React from "react";
import axios from "axios";
import { base_url } from "../Config.js";
class Kelas extends React.Component{
  constructor(){
    super()
    this.state = {
      token: "",
      data_kelas: [],
      message: "",
      found: "",
      id_kelas: "",
      nama_kelas: "",
      kompetensi_keahlian: "",
      action: "",
      modal: "hidden"
    }
    // dapetin token dari LocalStorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
    } else {
      // token ga ada, redirect ke laman Login
      window.location = "/login"
    }
  }

  getDataKelas = () => {
    let url = base_url + "/kelas"
    axios.get(url,{
      headers:{
        Authorization: "Bearer " + this.state.token
      }
    })
    .then(response => {
      this.setState({
        found: response.data.found
      })
      if(this.state.found){
        let data_kelas =
          JSON.parse(JSON.stringify(response.data.kelas))
        this.setState({
          data_kelas: data_kelas
        })
      } else {
        this.setState({
          message: response.data.message
        })
      }
    })
    .catch(error => console.log(error))
  }
}
```



```

addData = () => {
  this.toggleModal(true)
  this.setState({
    action: "add",
    id_kelas: "",
    nama_kelas: "",
    kompetensi_keahlian: ""
  })
}

updateData = (selectedItem) => {
  this.toggleModal(true)
  this.setState({
    action: "update",
    id_kelas: selectedItem.id_kelas,
    nama_kelas: selectedItem.nama_kelas,
    kompetensi_keahlian: selectedItem.kompetensi_keahlian
  })
}

dropData = selectedItem => {
  if (window.confirm("Yakin nih dihapus?")) {
    let url = base_url + "/kelas/" + selectedItem.id_kelas
    axios.delete(url, {
      headers: {
        Authorization: "Bearer " + this.state.token
      }
    })
    .then(response => {
      window.alert(response.data.message)
      this.getDataKelas()
    })
    .catch(error => console.log(error))
  }
}

save = event => {
  event.preventDefault()
  let form = {
    id_kelas: this.state.id_kelas,
    nama_kelas: this.state.nama_kelas,
    kompetensi_keahlian: this.state.kompetensi_keahlian
  }
  let url = base_url + "/kelas"
  if (this.state.action === "add") {
    axios.post(url, form, { headers: {
      Authorization: "Bearer " + this.state.token
    } })
    .then(response => {
      this.getDataKelas()
    })
    .catch(error => console.log("catch"))
  } else if (this.state.action === "update") {
    axios.put(url, form, { headers: {
      Authorization: "Bearer " + this.state.token
    } })
  }
}

```

```

.then(response => {
this.getDataKelas()
})
.catch(error => console.log(error))
}
this.toggleModal(false)
}
toggleModal = (modal) => {
if(modal){
this.setState({modal: "flex"})
}else{
this.setState({modal: "hidden"})
}
}
componentDidMount(){
this.getDataKelas()
}
render(){
return(
<div>
<div className="mx-auto flex flex-row items-start
items-center justify-between pb-4 border-b border-gray-300">
<div className="mx-auto">
<div className="flex flex-col md:flex-row
items-start md:items-center text-gray-600 text-sm">
<div className="flex items-center">
<h4 className="text-2xl font-bold
leading-tight text-gray-800 text-center">Tabel Daftar kelas</h4>
</div>
</div>
</div>
<div>
<button onClick={() => this.addData()}
className="transition duration-150 ease-in-out hover:bg-indigo-600
focus:outline-none border bg-indigo-700 rounded text-white px-8
py-2 text-sm">
Tambah Data
</button>
{/* Modal */}
<div className={` ${this.state.modal}
justify-center items-center flex overflow-x-hidden overflow-y-auto
fixed inset-0 z-50 outline-none focus:outline-none`} >
<div className="relative w-auto my-6
mx-auto max-w-3xl">
{/*content*/}
<div className="border-0 rounded-lg
shadow-lg relative flex flex-col w-full glass outline-none
focus:outline-none">
{/*body*/}
<div className="relative p-6
flex-auto">
<div class="mt-10
sm:mt-0">

```

```

<div class="md:grid
md:grid-cols-3 md:gap-6">
  <div
class="md:col-span-1">
    <div
class="px-4 sm:px-0">
      <h3
class="text-lg font-medium leading-6
text-gray-900">{this.state.action.toUpperCase()} Kelas</h3>
      <p
class="mt-1 text-sm text-gray-600">
Gunakan
untuk {this.state.action.toUpperCase()} Kelas<br/><br/>
Syarat
Penggunaan: <br/>
- Wajib
memasukan semua kolom
    </p>
  </div>
</div>
<div class="mt-5
md:mt-0 md:col-span-2">
  <form
method="POST" onSubmit={ev => this.save(ev)}>
    <div
class="shadow overflow-hidden sm:rounded-md">
      <div
class="px-4 py-5 bg-white sm:p-6">
        <div class="grid grid-cols-6 gap-6">
          <div class="col-span-6 sm:col-span-3">
            <label for="nama_kelas" class="block text-sm font-medium
text-gray-700">Nama Kelas</label>
            <input type="text" name="nama_kelas" id="nama_kelas"
autocomplete="nama_kelas"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.nama_kelas}
onChange={ev => this.setState({nama_kelas: ev.target.value})}
required/>
          </div>
          <div class="col-span-6 sm:col-span-3">
            <label for="kompetensi_keahlian" class="block text-sm font-medium
text-gray-700">Kompetensi Keahlian</label>
            <input type="text" name="kompetensi_keahlian"
id="kompetensi_keahlian" autocomplete="kompetensi_keahlian"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.kompetensi_keahlian}
onChange={ev => this.setState({kompetensi_keahlian:
ev.target.value})}
required/>
          </div>
        </div>
      </div>
    </div>
  </div>
</div>

```

```

</div>
<div
class="px-4 py-3 bg-gray-50 text-right sm:px-6">
<button
className="text-red-500 background-transparent font-bold uppercase
px-6 py-2 text-sm outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.toggleModal(false)}>
Close
</button>
<button
className="inline-flex justify-center py-2 px-4 border
border-transparent shadow-sm text-sm font-medium rounded-md
text-white bg-indigo-600 hover:bg-indigo-800 focus:outline-none
focus:ring-2 focus:ring-offset-2 focus:ring-green-500"
type="submit">
Save
</button>
</div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
<div className={` ${this.state.modal}
opacity-25 fixed inset-0 z-40 bg-black`} ></div>
</div>
</div>
<div class="flex flex-col">
<div class="-my-2 overflow-x-auto sm:-mx-6
lg:-mx-8">
<div class="py-2 align-middle inline-block
min-w-full sm:px-6 lg:px-8">
<div class="shadow overflow-hidden
border-b border-gray-200 sm:rounded-lg">
<table class="min-w-full divide-y
divide-gray-200">
<thead class="bg-gray-50">
<tr>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
ID
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Nama Kelas

```

```

</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Kompetensi
Keahlian
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Jumlah Siswa
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Tanggal Dibuat
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Changes
</th>
</tr>
</thead>
<tbody class="bg-white
divide-y divide-gray-200">
{
this.state.data_kelas.map( item => (
<tr>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.id_kelas}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.nama_kelas}
</div>
</td>
<td>
<div
class="text-sm text-gray-900">
{item.kompetensi_keahlian}
</div>
</td>
<td>
<div
class="text-sm text-gray-900">
{item.siswa.length}

```

```

</div>
</td>
<td>
<div
class="text-sm text-gray-900">
{item.createdAt}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
{item.siswa.length > 0 ? (
<ul
className="flex flex-col md:flex-row items-start md:items-center
text-gray-600 text-sm mt-3">
<li
className="flex items-center mr-3 mt-3 md:mt-0">
<span
className="mr-2">
<button className="bg-indigo-500 text-white active:bg-indigo-600
font-bold uppercase text-sm px-6 py-3 rounded shadow
hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.updateData(item)}>
<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-pencil-square" viewBox="0 0 16
16">
<path d="M15.502 1.94a.5.5 0 0 1 0 .706L14.459
3.691-2-2L13.502.646a.5.5 0 0 1 .707 0l1.293 1.293zm-1.75
2.456l-2-2L4.939 9.21a.5.5 0 0 0-.121.196l-.805 2.414a.25.25 0 0 0
.316.316l2.414-.805a.5.5 0 0 0 .196-.121l6.813-6.814z"/>
<path fill-rule="evenodd" d="M1 13.5A1.5 1.5 0 0 0 2.5 15h11a1.5
1.5 0 0 0 1.5-1.5v-6a.5.5 0 0 0-1 0v6a.5.5 0 0 1-.5.5h-11a.5.5 0 0
1-.5-.5v-11a.5.5 0 0 1 .5-.5H9a.5.5 0 0 0 0-1H2.5A1.5 1.5 0 0 0 1
2.5v11z"/>
</svg>
</button>
</span>
</li>
<li
className="flex items-center mr-3 mt-3 md:mt-0">
<span
class="px-2 inline-flex text-xs leading-5 font-semibold
rounded-full bg-yellow-100 text-yellow-800">
Tidak bisa dihapus!
</span>
</li>
</ul>
):
<>
<ul
className="flex flex-col md:flex-row items-start md:items-center
text-gray-600 text-sm mt-3">

```

```

<li
  className="flex items-center mr-3 mt-3 md:mt-0">
  <span className="mr-2">
    <button className="bg-indigo-500 text-white active:bg-indigo-600
      font-bold uppercase text-sm px-6 py-3 rounded shadow
      hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
      ease-linear transition-all duration-150"
      type="button"
      onClick={() => this.updateData(item)}>
      <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
        fill="currentColor" class="bi bi-pencil-square" viewBox="0 0 16
        16">
        <path d="M15.502 1.94a.5.5 0 0 1 0 .706L14.459
        3.691-2-2L13.502.646a.5.5 0 0 1 .707 0l1.293 1.293zm-1.75
        2.456l-2-2L4.939 9.21a.5.5 0 0 0-.121.196l-.805 2.414a.25.25 0 0 0
        .316.316l2.414-.805a.5.5 0 0 0 .196-.121l6.813-6.814z"/>
        <path fill-rule="evenodd" d="M1 13.5A1.5 1.5 0 0 0 2.5 15h11a1.5
        1.5 0 0 0 1.5-1.5v-6a.5.5 0 0 0-1 0v6a.5.5 0 0 1-.5.5h-11a.5.5 0 0
        1-.5-.5v-11a.5.5 0 0 1 .5-.5h9a.5.5 0 0 0 0-1h2.5A1.5 1.5 0 0 1
        2.5v11z"/>
      </svg>
    </button>
  </span>
</li>
<li
  className="flex items-center mr-3 mt-3 md:mt-0">
  <span className="mr-2">
    <button className="bg-red-500 text-white active:bg-red-600
      font-bold uppercase text-sm px-6 py-3 rounded shadow
      hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
      ease-linear transition-all duration-150"
      type="button"
      onClick={() => this.dropData(item)}>
      <svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
        fill="currentColor" class="bi bi-trash" viewBox="0 0 16 16">
        <path d="M5.5 5.5A.5.5 0 0 1 6 6v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1
        .5-.5zm2.5 0a.5.5 0 0 1 .5.5v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1
        .5-.5zm3 .5a.5.5 0 0 0-1 0v6a.5.5 0 0 0 1 0V6z"/>
        <path fill-rule="evenodd" d="M14.5 3a1 1 0 0 1-1 1H13v9a2 2 0 0
        1-2 2H5a2 2 0 0 1-2-2V4h-.5a1 1 0 0 1-1-1V2a1 1 0 0 1 1-1H6a1 1 0
        0 1 1-1h2a1 1 0 0 1 1 1h3.5a1 1 0 0 1 1 1v1zM4.118 4L4.059V13a1
        1 0 0 0 1 1h6a1 1 0 0 0 1-1V4.059L11.882 4H4.118zM2.5
        3V2h11v1h-11z"/>
      </svg>
    </button>
  </span>
</li>
</ul>
</>
}
</td>
</tr>
)) }

```

```

</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
)
}
}
export default Kelas;

```

// Table_Petugas.js

```

import React from "react";
import { Link } from 'react-router-dom';
import axios from "axios";
import { base_url } from "../Config.js";
class Petugas extends React.Component{
  constructor(){
    super()
    this.state = {
      modal: "hidden",
      id_petugas: "",
      level: "",
      nama_petugas: "",
      username: "",
      password: "",
      fillPassword: true,
      action: "",
      token: "",
      id: "",
      data_petugas: [],
      message: "",
      found: ""
    }
    // dapetin token dari Localstorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
      this.state.id =
        JSON.parse(localStorage.getItem("user")).id_petugas
    } else {
      // token ga ada, redirect ke laman login
      window.location = "/login"
    }
  }
  getDataPetugas = () => {
    let url = base_url + "/petugas"
    axios.get(url,{
      headers:{
        Authorization: "Bearer " + this.state.token
      }
    })
  }

```



```

    })
    .then(response => {
    this.setState({
    found: response.data.found
    })
    if(this.state.found){
    let data_petugas =
    JSON.parse(JSON.stringify(response.data.petugas))
    this.setState({
    data_petugas: data_petugas
    })
    } else {
    this.setState({
    message: response.data.message
    })
    }
    })
    .catch(error => console.log(error))
    }
    addData = () => {
    this.toggleModal(true)
    this.setState({
    action: "add",
    username: "",
    password: "",
    nama_petugas: "",
    level: "admin",
    fillPassword: true
    })
    }
    updateData = (selectedItem) => {
    this.toggleModal(true)
    this.setState({
    action: "update",
    id_petugas: selectedItem.id_petugas,
    username: selectedItem.username,
    password: "",
    nama_petugas: selectedItem.nama_petugas,
    level: selectedItem.level,
    fillPassword: false
    })
    }
    dropData = (selectedItem) => {
    if (window.confirm("Yakin nih dihapus?")) {
    let url = base_url + "/petugas/" +
    selectedItem.id_petugas
    axios.delete(url,{
    headers:{
    Authorization: "Bearer " + this.state.token
    }
    })
    .then(response => {
    this.getDataPetugas()

```

```

    })
    .catch(error => console.log(error))
  }
}

save = event => {
  event.preventDefault()
  let form;
  if (this.state.fillPassword) {
    form = {
      id_petugas: this.state.id_petugas,
      username: this.state.username,
      nama_petugas: this.state.nama_petugas,
      level: this.state.level,
      password: this.state.password
    }
  } else {
    form = {
      id_petugas: this.state.id_petugas,
      username: this.state.username,
      nama_petugas: this.state.nama_petugas,
      level: this.state.level
    }
  }
  let url = base_url + "/petugas"
  if (this.state.action === "add") {
    axios.post(url, form, { headers:{
      Authorization: "Bearer " + this.state.token
    }})
    .then(response => {
      this.getDataPetugas()
    })
    .catch(error => console.log("catch"))
  } else if (this.state.action === "update"){
    axios.put(url, form, { headers:{
      Authorization: "Bearer " + this.state.token
    }})
    .then(response => {
      this.getDataPetugas()
    })
    .catch(error => console.log(error))
  }
  this.toggleModal(false)
}

toggleModal = (modal) => {
  if(modal){
    this.setState({modal: "flex"})
  }else{
    this.setState({modal: "hidden"})
  }
}

componentDidMount(){
  this.getDataPetugas()
}

```

```

render(){
return(
<>
<div className="mx-auto flex flex-row items-start
items-center justify-between pb-4 border-b border-gray-300">
<div className="mx-auto">
<div className="flex flex-col md:flex-row
items-start md:items-center text-gray-600 text-sm">
<div className="flex items-center">
<h4 className="text-2xl font-bold
leading-tight text-gray-800 text-center">Tabel Daftar Admin</h4>
</div>
</div>
</div>
<div>
<button onClick={() => this.addData()}
className="transition duration-150 ease-in-out hover:bg-indigo-600
focus:outline-none border bg-indigo-700 rounded text-white px-8
py-2 text-sm">
Tambah Data
</button>
{ /* Modal */ }
<div className={` ${this.state.modal}
justify-center items-center flex overflow-x-hidden overflow-y-auto
fixed inset-0 z-50 outline-none focus:outline-none`} >
<div className="relative w-auto my-6
mx-auto max-w-3xl">
{ /*content*/ }
<div className="border-0 rounded-lg
shadow-lg relative flex flex-col w-full glass outline-none
focus:outline-none">
{ /*body*/ }
<div className="relative p-6
flex-auto">
<div class="mt-10
sm:mt-0">
<div class="md:grid
md:grid-cols-3 md:gap-6">
<div
class="md:col-span-1">
<div
class="px-4 sm:px-0">
<h3
class="text-lg font-medium leading-6
text-gray-900">{this.state.action.toUpperCase()}
Admin/Petugas</h3>
<p
class="mt-1 text-sm text-gray-600">
Gunakan
untuk {this.state.action.toUpperCase()} petugas maupun
admin<br/><br/>
Syarat
Penggunaan: <br/>

```

```

- Wajib
memasukan semua kolom <br/>
- Pilih
level sesuka anda
</p>
</div>
</div>
<div class="mt-5
md:mt-0 md:col-span-2">
<form
method="POST" onSubmit={ev => this.save(ev)}>
<div
class="shadow overflow-hidden sm:rounded-md">
<div
class="px-4 py-5 bg-white sm:p-6">
<div class="grid grid-cols-6 gap-6">
<div class="col-span-6 sm:col-span-4">
<label for="nama_petugas" class="block text-sm font-medium
text-gray-700">Nama Admin / Petugas</label>
<input type="text" name="nama_petugas" id="nama_petugas"
autocomplete="nama_petugas"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.nama_petugas}
onChange={ev => this.setState({nama_petugas: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-3">
<label for="username" class="block text-sm font-medium
text-gray-700">Username</label>
<input type="text" name="username" id="username"
autocomplete="username"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.username}
onChange={ev => this.setState({username: ev.target.value})}
required/>
</div>
{ this.state.action === "update" && this.state.fillPassword ===
false ? (
<div class="col-span-6 sm:col-span-3">
<label for="password" class="block text-sm font-medium
text-gray-700">Password</label>
<button className="inline-flex justify-center py-2 px-4 border
border-transparent shadow-sm text-sm font-medium rounded-md
text-white bg-indigo-600 hover:bg-indigo-800 focus:outline-none
focus:ring-2 focus:ring-offset-2 focus:ring-green-500"
type="button"
onClick={() => this.setState({fillPassword: true})}>
Change Password
</button>
</div>
) : (

```

```
<div class="col-span-6 sm:col-span-3">  
  <label for="password" class="block text-sm font-medium  
text-gray-700">Password</label>  
  <input type="password" name="password" id="password"  
autocomplete="password"  
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block  
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"  
value={this.state.password} placeholder="*****"  
onChange={ev => this.setState({password: ev.target.value})}  
required/>  
</div>  
)}  
<div class="col-span-6 sm:col-span-3">  
  <label for="level" class="block text-sm font-medium  
text-gray-700">Role / Level ({this.state.level})</label>  
  <select id="level" name="level"  
class="mt-1 block w-full py-2 px-3 border border-gray-300 bg-white  
rounded-md shadow-sm focus:outline-none focus:ring-indigo-500  
focus:border-indigo-500 sm:text-sm"  
value={this.state.level}  
onChange={ ev => this.setState({ level: ev.target.value }) }>  
    <option value="admin">Admin</option>  
    <option value="petugas">Petugas</option>  
  </select>  
</div>  
</div>  
<div>  
  class="px-4 py-3 bg-gray-50 text-right sm:px-6">  
    <button  
className="text-red-500 background-transparent font-bold uppercase  
px-6 py-2 text-sm outline-none focus:outline-none mr-1 mb-1  
ease-linear transition-all duration-150"  
type="button"  
onClick={() => this.toggleModal(false)}>  
Close  
</button>  
    <button  
className="inline-flex justify-center py-2 px-4 border  
border-transparent shadow-sm text-sm font-medium rounded-md  
text-white bg-indigo-600 hover:bg-indigo-800 focus:outline-none  
focus:ring-2 focus:ring-offset-2 focus:ring-green-500"  
type="submit">  
Save  
</button>  
  </div>  
</div>  
</form>  
</div>  
</div>  
</div>  
</div>
```

```

</div>
</div>
<div className={` ${this.state.modal}
opacity-25 fixed inset-0 z-40 bg-black`} ></div>
</div>
</div>
<div class="flex flex-col">
<div class="-my-2 overflow-x-auto sm:-mx-6
lg:-mx-8">
<div class="py-2 align-middle inline-block
min-w-full sm:px-6 lg:px-8">
<div class="shadow overflow-hidden
border-b border-gray-200 sm:rounded-lg">
<table class="min-w-full divide-y
divide-gray-200">
<thead class="bg-gray-50">
<tr>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
ID
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Username/nama
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Role
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Password
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Tanggal Dibuat
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Changes
</th>
</tr>
</thead>
<tbody class="bg-white
divide-y divide-gray-200">
{
this.state.data_petugas.map( item => (

```

```

<tr>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.id_petugas}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.username}
</div>
<div
class="text-sm text-gray-500">
Nama:
{item.nama_petugas}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
{ item.level
=== "admin" ? (
<span
class="px-2 inline-flex text-xs leading-5 font-semibold
rounded-full bg-green-100 text-green-800">
{item.level}
</span>
) :
<span
class="px-2 inline-flex text-xs leading-5 font-semibold
rounded-full bg-red-100 text-red-800">
{item.level}
</span>
}
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.password}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.createdAt}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">

```

```

<div
class="text-sm text-gray-900">
{item.id_petugas === this.state.id ? (
<Link
to="/setting">
<span class="px-2 inline-flex text-xs leading-5 font-semibold
rounded-full bg-yellow-100 text-yellow-800">
Anda memakai akun ini!
</span>
</Link>
):
<>
<ul
className="flex flex-col md:flex-row items-start md:items-center
text-gray-600 text-sm mt-3">
<li className="flex items-center mr-3 mt-3 md:mt-0">
<span className="mr-2">
<button className="bg-indigo-500 text-white active:bg-indigo-600
font-bold uppercase text-sm px-6 py-3 rounded shadow
hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.updateData(item)}>
<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-pencil-square" viewBox="0 0 16
16">
<path d="M15.502 1.94a.5.5 0 0 1 0 .706L14.459
3.691-2-2L13.502.646a.5.5 0 0 1 .707 0l1.293 1.293zm-1.75
2.456l-2-2L4.939 9.21a.5.5 0 0 0-.121.196l-.805 2.414a.25.25 0 0 0
.316.316l2.414-.805a.5.5 0 0 0 .196-.121l6.813-6.814z"/>
<path fill-rule="evenodd" d="M1 13.5A1.5 1.5 0 0 0 2.5 15h11a1.5
1.5 0 0 0 1.5-1.5v-6a.5.5 0 0 0-1 0v6a.5.5 0 0 1-.5.5h-11a.5.5 0 0
1-.5-.5v-11a.5.5 0 0 1 .5-.5H9a.5.5 0 0 0 0-1H2.5A1.5 1.5 0 0 1
2.5v11z"/>
</svg>
</button>
</span>
</li>
<li className="flex items-center mr-3 mt-3 md:mt-0">
<span className="mr-2">
<button className="bg-red-500 text-white active:bg-red-600
font-bold uppercase text-sm px-6 py-3 rounded shadow
hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.dropData(item)}>
<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-trash" viewBox="0 0 16 16">
<path d="M5.5 5.5A.5.5 0 0 1 6 6v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1
.5-.5zm2.5 0a.5.5 0 0 1 .5.5v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1
.5-.5zm3 .5a.5.5 0 0 0-1 0v6a.5.5 0 0 0 1 0V6z"/>
<path fill-rule="evenodd" d="M14.5 3a1 1 0 0 1-1 1H13v9a2 2 0 0
1-2 2H5a2 2 0 0 1-2-2V4h-.5a1 1 0 0 1-1-1V2a1 1 0 0 1 1-1H6a1 1 0

```



```
0 1 1-1h2a1 1 0 0 1 1 1h3.5a1 1 0 0 1 1 1v1zM4.118 4L4 4.059V13a1
1 0 0 0 1 1h6a1 1 0 0 0 1-1V4.059L11.882 4H4.118zM2.5
3V2h11v1h-11z"/>
</svg>
</button>
</span>
</li>
</ul>
</>
}
</div>
</td>
</tr>
)) }
</tbody>
</table>
</div>
</div>
</div>
</div>
</>
)
}
}
export default Petugas;
```

// Table_Riwayat_Pembayaran.js

```
import React from "react";
import axios from "axios";
import { base_url } from "../Config.js";
class Riwayat_Pembayaran extends React.Component{
  constructor(){
    super()
    this.state = {
      token: "",
      data_pembayaran: [],
      message: "",
      found: "",
      id_pembayaran: "",
      id_petugas: "",
      nisp: "",
      tgl_bayar: "",
      bulan_dibayar: "",
      tahun_dibayar: "",
      id_spp: "",
      jumlah_bayar: "",
      modal: "hidden",
      action: ""
    }
    // dapetin token dari Localstorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
    } else {
      // token ga ada, redirect ke laman Login
      window.location = "/login"
    }
  }
  getDataPembayaran = () => {
    let url = base_url + "/pembayaran"
    axios.get(url,{
      headers:{
        Authorization: "Bearer " + this.state.token
      }
    })
    .then(response => {
      this.setState({
        found: response.data.found
      })
      if(this.state.found){
        let data_pembayaran =
          JSON.parse(JSON.stringify(response.data.pembayaran))
        this.setState({
          data_pembayaran: data_pembayaran
        })
      } else {
```

```

this.setState({
  message: response.data.message
})
}
})
.catch(error => console.log(error))
}
addData = () => {
  this.toggleModal(true)
  this.setState({
    action: "add",
    id_pembayaran: "",
    id_petugas: "",
    nisp: "",
    tgl_bayar: "",
    bulan_dibayar: "",
    tahun_dibayar: "",
    id_spp: "",
    jumlah_bayar: ""
  })
}
updateData = selectedItem => {
  this.toggleModal(true)
  this.setState({
    action: "update",
    id_pembayaran: selectedItem.id_pembayaran,
    id_petugas: selectedItem.id_petugas,
    nisp: selectedItem.nisp,
    tgl_bayar: selectedItem.tgl_bayar,
    bulan_dibayar: selectedItem.bulan_dibayar,
    tahun_dibayar: selectedItem.tahun_dibayar,
    id_spp: selectedItem.id_spp,
    jumlah_bayar: selectedItem.jumlah_bayar
  })
}
dropData = selectedItem => {
  if (window.confirm("Yakin nih dihapus?")) {
    let url = base_url + "/pembayaran/" +
      selectedItem.id_pembayaran
    axios.delete(url, {
      headers: {
        Authorization: "Bearer " + this.state.token
      }
    })
  }
  .then(response => {
    window.alert(response.data.message)
    this.getDataPembayaran()
  })
  .catch(error => console.log(error))
}
}
save = event => {
  event.preventDefault()

```

```

let form = {
  id_pembayaran: this.state.id_pembayaran,
  id_petugas: this.state.id_petugas,
  nisn: this.state.nisn,
  tgl_bayar: this.state.tgl_bayar,
  bulan_dibayar: this.state.bulan_dibayar,
  tahun_dibayar: this.state.tahun_dibayar,
  id_spp: this.state.id_spp,
  jumlah_bayar: this.state.jumlah_bayar
}
let url = base_url + "/pembayaran"
if (this.state.action === "add") {
  axios.post(url, form, { headers:{
    Authorization: "Bearer " + this.state.token
  }})
  .then(response => {
    this.getDataPembayaran()
  })
  .catch(error => console.log("catch"))
} else if (this.state.action === "update"){
  axios.put(url, form, { headers:{
    Authorization: "Bearer " + this.state.token
  }})
  .then(response => {
    this.getDataPembayaran()
  })
  .catch(error => console.log(error))
}
this.toggleModal(false)
}
toggleModal = (modal) => {
  if(modal){
    this.setState({modal: "flex"})
  }else{
    this.setState({modal: "hidden"})
  }
}
componentDidMount(){
  this.getDataPembayaran()
}
render(){
  return(
    <div>
      <div className="mx-auto flex flex-row items-start
items-center justify-between pb-4 border-b border-gray-300">
        <div className="mx-auto">
          <div className="flex flex-col md:flex-row
items-start md:items-center text-gray-600 text-sm">
            <div className="flex items-center">
              <h4 className="text-2xl font-bold
leading-tight text-gray-800 text-center">Riwayat Pembayaran
Siswa</h4>
            </div>

```

```

</div>
</div>
<div>
<button onClick={() => this.addData()}
className="transition duration-150 ease-in-out hover:bg-indigo-600
focus:outline-none border bg-indigo-700 rounded text-white px-8
py-2 text-sm">
Tambah Data
</button>
{ /* Modal */ }
<div className={` ${this.state.modal}
justify-center items-center flex overflow-x-hidden overflow-y-auto
fixed inset-0 z-50 outline-none focus:outline-none`} >
<div className="relative w-auto my-6
mx-auto max-w-3xl">
{ /*content*/ }
<div className="border-0 rounded-lg
shadow-lg relative flex flex-col w-full glass outline-none
focus:outline-none">
{ /*body*/ }
<div className="relative p-6
flex-auto">
<div class="mt-10
sm:mt-0">
<div class="md:grid
md:grid-cols-3 md:gap-6">
<div
class="md:col-span-1">
<div
class="px-4 sm:px-0">
<h3
class="text-lg font-medium leading-6
text-gray-900">{this.state.action.toUpperCase()} Pembayaran</h3>
<p
class="mt-1 text-sm text-gray-600">
Gunakan
untuk {this.state.action.toUpperCase()} Pembayaran<br/><br/>
Syarat
Penggunaan: <br/>
- Wajib
memasukan semua kolom
</p>
</div>
</div>
<div class="mt-5
md:mt-0 md:col-span-2">
<form
method="POST" onSubmit={ev => this.save(ev)}>
<div
class="shadow overflow-hidden sm:rounded-md">
<div
class="px-4 py-5 bg-white sm:p-6">
<div class="grid grid-cols-6 gap-6">

```

```
<div class="col-span-6 sm:col-span-6">
<label for="nisn" class="block text-sm font-medium
text-gray-700">NISN</label>
<input type="number" name="nisn" id="nisn" autocomplete="nisn"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.nisn}
onChange={ev => this.setState({nisn: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-3">
<label for="id_petugas" class="block text-sm font-medium
text-gray-700">Petugas</label>
<input type="text" name="id_petugas" id="id_petugas"
autocomplete="id_petugas"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.id_petugas}
onChange={ev => this.setState({id_petugas: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-3">
<label for="tgl_bayar" class="block text-sm font-medium
text-gray-700">Tanggal Bayar</label>
<input type="text" name="tgl_bayar" id="tgl_bayar"
autocomplete="tgl_bayar"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.tgl_bayar}
onChange={ev => this.setState({tgl_bayar: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-3">
<label for="bulan_dibayar" class="block text-sm font-medium
text-gray-700">Bulan Dibayar</label>
<input type="number" name="bulan_dibayar" id="bulan_dibayar"
autocomplete="bulan_dibayar"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.bulan_dibayar}
onChange={ev => this.setState({bulan_dibayar: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-3">
<label for="tahun_dibayar" class="block text-sm font-medium
text-gray-700">Tahun Dibayar</label>
<input type="number" name="tahun_dibayar" id="tahun_dibayar"
autocomplete="tahun_dibayar"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.tahun_dibayar}
onChange={ev => this.setState({tahun_dibayar: ev.target.value})}
required/>
```

```
</div>
<div class="col-span-6 sm:col-span-3">
<label for="id_spp" class="block text-sm font-medium
text-gray-700">SPP</label>
<input type="number" name="id_spp" id="id_spp"
autocomplete="id_spp"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.id_spp}
onChange={ev => this.setState({id_spp: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-3">
<label for="jumlah_bayar" class="block text-sm font-medium
text-gray-700">Jumlah Bayar</label>
<input type="number" name="jumlah_bayar" id="jumlah_bayar"
autocomplete="jumlah_bayar"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.jumlah_bayar}
onChange={ev => this.setState({jumlah_bayar: ev.target.value})}
required/>
</div>
</div>
</div>
</div>
<div
class="px-4 py-3 bg-gray-50 text-right sm:px-6">
<button
className="text-red-500 background-transparent font-bold uppercase
px-6 py-2 text-sm outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.toggleModal(false)}>
Close
</button>
<button
className="inline-flex justify-center py-2 px-4 border
border-transparent shadow-sm text-sm font-medium rounded-md
text-white bg-indigo-600 hover:bg-indigo-800 focus:outline-none
focus:ring-2 focus:ring-offset-2 focus:ring-green-500"
type="submit">
Save
</button>
</div>
</div>
</form>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
```

```

<div className={` ${this.state.modal}
opacity-25 fixed inset-0 z-40 bg-black`} ></div>
</div>
</div>
<div class="flex flex-col">
<div class="-my-2 overflow-x-auto sm:-mx-6
lg:-mx-8">
<div class="py-2 align-middle inline-block
min-w-full sm:px-6 lg:px-8">
<div class="shadow overflow-hidden
border-b border-gray-200 sm:rounded-lg">
<table class="min-w-full divide-y
divide-gray-200">
<thead class="bg-gray-50">
<tr>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
ID
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Nama Siswa
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Jumlah Bayar
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Tanggal Bayar
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Auditor
</th>
<th scope="col"
class="relative px-6 py-3">
<span
class="sr-only">Sign</span>
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Changes
</th>
</tr>
</thead>
<tbody class="bg-white

```



```

divide-y divide-gray-200">
{
this.state.data_pembayaran.map( item => (
<tr>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.id_pembayaran}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.siswa.nama.toUpperCase()}
</div>
<div
class="text-sm text-gray-500">
NISN:
{item.siswa.nisn}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
{
item.jumlah_bayar >= item.spp.nominal ? (
<>
{
item.jumlah_bayar === item.spp.nominal ? (
<div
class="text-sm text-gray-900">
Rp{ item.jumlah_bayar }
</div>
) :
<>
<div
class="text-sm text-gray-900">
Rp{ item.jumlah_bayar } - Rp{item.spp.nominal}
</div>
<span
class="px-2 inline-flex text-xs leading-5 font-semibold
rounded-full bg-yellow-100 text-yellow-800">
Sisa: Rp{item.jumlah_bayar - item.spp.nominal}
</span>
</>
}
</>
) :
<>
<div
class="text-sm text-gray-900">
Rp{

```

```

item.jumlah_bayar} - Rp{item.spp.nominal}
</div>
<span>
class="px-2 inline-flex text-xs leading-5 font-semibold
rounded-full bg-red-100 text-red-800">
Kurang: Rp{item.spp.nominal - item.jumlah_bayar}
</span>
</>
}
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.tgl_bayar}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap text-sm text-gray-900">
{item.petugas.nama_petugas.toUpperCase()}
</td>
<td class="px-6
py-4 whitespace-nowrap text-right text-sm font-medium">
{
item.jumlah_bayar < item.spp.nominal ? (
<span>
class="px-2 inline-flex text-xs leading-5 font-semibold
rounded-full bg-red-100 text-red-800">
Belum
Lunas
</span>
) :
<span>
class="px-2 inline-flex text-xs leading-5 font-semibold
rounded-full bg-green-100 text-green-800">
Lunas
</span>
}
</td>
<td class="px-6
py-4 whitespace-nowrap">
<ul
className="flex flex-col md:flex-row items-start md:items-center
text-gray-600 text-sm mt-3">
<li
className="flex items-center mr-3 mt-3 md:mt-0">
<span
className="mr-2">
<button className="bg-indigo-500 text-white active:bg-indigo-600
font-bold uppercase text-sm px-6 py-3 rounded shadow
hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"

```

```

onClick={() => this.updateData(item)}>
<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-pencil-square" viewBox="0 0 16
16">
<path d="M15.502 1.94a.5.5 0 0 1 0 .706L14.459
3.691-2-2L13.502.646a.5.5 0 0 1 .707 0l1.293 1.293zm-1.75
2.456l-2-2L4.939 9.21a.5.5 0 0 0-.121.196l-.805 2.414a.25.25 0 0 0
.316.316l2.414-.805a.5.5 0 0 0 .196-.121l6.813-6.814z"/>
<path fill-rule="evenodd" d="M1 13.5A1.5 1.5 0 0 0 2.5 15h11a1.5
1.5 0 0 0 1.5-1.5v-6a.5.5 0 0 0-1 0v6a.5.5 0 0 1-.5.5h-11a.5.5 0 0
1-.5-.5v-11a.5.5 0 0 1 .5-.5H9a.5.5 0 0 0 0-1H2.5A1.5 1.5 0 0 0 1
2.5v11z"/>
</svg>
</button>
</span>
</li>
<li
className="flex items-center mr-3 mt-3 md:mt-0">
<span
className="mr-2">
<button className="bg-red-500 text-white active:bg-red-600
font-bold uppercase text-sm px-6 py-3 rounded shadow
hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.dropData(item)}>
<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-trash" viewBox="0 0 16 16">
<path d="M5.5 5.5A.5.5 0 0 1 6 6v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1
.5-.5zm2.5 0a.5.5 0 0 1 .5.5v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1
.5-.5zm3 .5a.5.5 0 0 0-1 0v6a.5.5 0 0 0 1 0V6z"/>
<path fill-rule="evenodd" d="M14.5 3a1 1 0 0 1-1 1H13v9a2 2 0 0
1-2 2H5a2 2 0 0 1-2-2V4h-.5a1 1 0 0 1-1-1V2a1 1 0 0 1 1-1H6a1 1 0
0 1 1-1h2a1 1 0 0 1 1 1h3.5a1 1 0 0 1 1 1v1zM4.118 4L4.059V13a1
1 0 0 0 1 1h6a1 1 0 0 0 1-1V4.059L11.882 4H4.118zM2.5
3V2h11v1h-11z"/>
</svg>
</button>
</span>
</li>
</ul>
</td>
</tr>
)) }
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
)
}

```

```
}  
export default Riwayat_Pembayaran;
```

// Table_Siswa.js

```
import React from "react";  
import axios from "axios";  
import { base_url } from "../Config.js";  
class Siswa extends React.Component{  
  constructor(){  
    super()  
    this.state = {  
      token: "",  
      data_siswa: [],  
      message: "",  
      found: "",  
      nispn: "",  
      nis: "",  
      nama: "",  
      id_kelas: "",  
      alamat: "",  
      no_telp: "",  
      id_spp: "",  
      modal: "hidden",  
      action: ""  
    }  
    // dapetin token dari LocalStorage  
    if (localStorage.getItem("token")) {  
      this.state.token = localStorage.getItem("token")  
    } else {  
      // token ga ada, redirect ke laman Login  
      window.location = "/login"  
    }  
  }  
  getDataSiswa = () => {  
    let url = base_url + "/siswa"  
    axios.get(url,{  
      headers:{  
        Authorization: "Bearer " + this.state.token  
      }  
    })  
    .then(response => {  
      this.setState({  
        found: response.data.found  
      })  
      if(this.state.found){  
        let data_siswa =  
        JSON.parse(JSON.stringify(response.data.siswa))  
        this.setState({  
          data_siswa: data_siswa  
        })  
      } else {  
        this.setState({
```

```

message: response.data.message
}))
}
}))
.catch(error => console.log(error))
}
addData = () => {
this.toggleModal(true)
this.setState({
action: "add",
nisp: "",
nis: "",
nama: "",
id_kelas: "",
alamat: "",
no_telp: "",
id_spp: ""
}))
}
updateData = selectedItem => {
this.toggleModal(true)
this.setState({
action: "update",
nisp: selectedItem.nisp,
nis: selectedItem.nis,
nama: selectedItem.nama,
id_kelas: selectedItem.id_kelas,
alamat: selectedItem.alamat,
no_telp: selectedItem.no_telp,
id_spp: selectedItem.id_spp
}))
}
dropData = selectedItem => {
if (window.confirm("Yakin nih dihapus?")) {
let url = base_url + "/siswa/" + selectedItem.nisp
axios.delete(url, {
headers: {
Authorization: "Bearer " + this.state.token
}
}))
.then(response => {
window.alert(response.data.message)
this.getDataSiswa()
}))
.catch(error => console.log(error))
}
}
save = event => {
event.preventDefault()
let form = {
nisp: this.state.nisp,
nis: this.state.nis,
nama: this.state.nama,

```

```

id_kelas: this.state.id_kelas,
alamat: this.state.alamat,
no_telp: this.state.no_telp,
id_spp: this.state.id_spp
}
let url = base_url + "/siswa"
if (this.state.action === "add") {
  axios.post(url, form, { headers:{
    Authorization: "Bearer " + this.state.token
  }})
  .then(response => {
    this.getDataSiswa()
  })
  .catch(error => console.log("catch"))
} else if (this.state.action === "update"){
  axios.put(url, form, { headers:{
    Authorization: "Bearer " + this.state.token
  }})
  .then(response => {
    this.getDataSiswa()
  })
  .catch(error => console.log(error))
}
this.toggleModal(false)
}
toggleModal = (modal) => {
  if(modal){
    this.setState({modal: "flex"})
  }else{
    this.setState({modal: "hidden"})
  }
}
componentDidMount(){
  this.getDataSiswa()
}
render(){
  return(
    <div>
      <div className="mx-auto flex flex-row items-start
items-center justify-between pb-4 border-b border-gray-300">
        <div className="mx-auto">
          <div className="flex flex-col md:flex-row
items-start md:items-center text-gray-600 text-sm">
            <div className="flex items-center">
              <h4 className="text-2xl font-bold
leading-tight text-gray-800 text-center">Tabel Daftar Siswa</h4>
            </div>
          </div>
        </div>
      </div>
    </div>
    <div>
      <button onClick={() => this.addData()}
className="transition duration-150 ease-in-out hover:bg-indigo-600
focus:outline-none border bg-indigo-700 rounded text-white px-8

```



```

value={this.state.nama}
onChange={ev => this.setState({nama: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-4">
<label for="no_telp" class="block text-sm font-medium
text-gray-700">Nomor Telepon</label>
<input type="number" name="no_telp" id="no_telp"
autocomplete="no_telp"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.no_telp}
onChange={ev => this.setState({no_telp: ev.target.value})}
required/>
</div>
{ this.state.action === "update" ? (
<div class="col-span-6 sm:col-span-3">
<label for="nisn" class="block text-sm font-medium
text-gray-700">NISN <span
className="text-red-500">(Disabled)</span></label>
<input type="number" name="nisn" id="nisn" autocomplete="nisn"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.nisn}
disabled/>
</div>
):
<div class="col-span-6 sm:col-span-3">
<label for="nisn" class="block text-sm font-medium
text-gray-700">NISN</label>
<input type="number" name="nisn" id="nisn" autocomplete="nisn"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.nisn}
onChange={ev => this.setState({nisn: ev.target.value})}
required/>
</div>
}
<div class="col-span-6 sm:col-span-3">
<label for="nis" class="block text-sm font-medium
text-gray-700">NIS</label>
<input type="number" name="nis" id="nis" autocomplete="nis"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.nis}
onChange={ev => this.setState({nis: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-6">
<label for="alamat" class="block text-sm font-medium
text-gray-700">Alamat Lengkap</label>
<input type="text" name="alamat" id="alamat" autocomplete="alamat"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block

```



```

w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.alamat}
onChange={ev => this.setState({alamat: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-3">
<label for="id_kelas" class="block text-sm font-medium
text-gray-700">Kelas</label>
<input type="number" name="id_kelas" id="id_kelas"
autocomplete="id_kelas"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.id_kelas}
onChange={ev => this.setState({id_kelas: ev.target.value})}
required/>
</div>
<div class="col-span-6 sm:col-span-3">
<label for="id_spp" class="block text-sm font-medium
text-gray-700">SPP</label>
<input type="number" name="id_spp" id="id_spp"
autocomplete="id_spp"
class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
value={this.state.id_spp}
onChange={ev => this.setState({id_spp: ev.target.value})}
required/>
</div>
</div>
</div>
<div
class="px-4 py-3 bg-gray-50 text-right sm:px-6">
<button
className="text-red-500 background-transparent font-bold uppercase
px-6 py-2 text-sm outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.toggleModal(false)}>
Close
</button>
<button
className="inline-flex justify-center py-2 px-4 border
border-transparent shadow-sm text-sm font-medium rounded-md
text-white bg-indigo-600 hover:bg-indigo-800 focus:outline-none
focus:ring-2 focus:ring-offset-2 focus:ring-green-500"
type="submit">
Save
</button>
</div>
</div>
</div>
</div>
</div>
</div>

```

```

</div>
</div>
</div>
</div>
<div className={` ${this.state.modal}
opacity-25 fixed inset-0 z-40 bg-black`} ></div>
</div>
</div>
<div class="flex flex-col">
<div class="-my-2 overflow-x-auto sm:-mx-6
lg:-mx-8">
<div class="py-2 align-middle inline-block
min-w-full sm:px-6 lg:px-8">
<div class="shadow overflow-hidden
border-b border-gray-200 sm:rounded-lg">
<table class="min-w-full divide-y
divide-gray-200">
<thead class="bg-gray-50">
<tr>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
NISN
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Nama
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Kelas
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Alamat
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
No Telp
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Tanggal Dibuat
</th>
<th scope="col"
class="px-6 py-3 text-left text-xs font-medium text-gray-500
uppercase tracking-wider">
Changes

```

```

</th>
</tr>
</thead>
<tbody class="bg-white
divide-y divide-gray-200">
{
this.state.data_siswa.map( item => (
<tr>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.nisn}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.nama}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.kelas.nama_kelas.toUpperCase()}
</div>
<div
class="text-sm text-gray-500">
{item.kelas.kompetensi_keahlian}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.alamat}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.no_telp}
</div>
</td>
<td class="px-6
py-4 whitespace-nowrap">
<div
class="text-sm text-gray-900">
{item.createdAt}
</div>

```

```

</td>
<td class="px-6
py-4 whitespace-nowrap">
<ul
className="flex flex-col md:flex-row items-start md:items-center
text-gray-600 text-sm mt-3">
<li
className="flex items-center mr-3 mt-3 md:mt-0">
<span
className="mr-2">
<button className="bg-indigo-500 text-white active:bg-indigo-600
font-bold uppercase text-sm px-6 py-3 rounded shadow
hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.updateData(item)}>
<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-pencil-square" viewBox="0 0 16
16">
<path d="M15.502 1.94a.5.5 0 0 1 0 .706L14.459
3.691-2-2L13.502.646a.5.5 0 0 1 .707 0l1.293 1.293zm-1.75
2.456l-2-2L4.939 9.21a.5.5 0 0 0-.121.196l-.805 2.414a.25.25 0 0 0
.316.316l2.414-.805a.5.5 0 0 0 .196-.121l6.813-6.814z"/>
<path fill-rule="evenodd" d="M1 13.5A1.5 1.5 0 0 0 2.5 15h11a1.5
1.5 0 0 0 1.5-1.5v-6a.5.5 0 0 0-1 0v6a.5.5 0 0 1-.5.5h-11a.5.5 0 0
1-.5-.5v-11a.5.5 0 0 1 .5-.5H9a.5.5 0 0 0 0-1H2.5A1.5 1.5 0 0 1
2.5v11z"/>
</svg>
</button>
</span>
</li>
<li
className="flex items-center mr-3 mt-3 md:mt-0">
<span
className="mr-2">
<button className="bg-red-500 text-white active:bg-red-600
font-bold uppercase text-sm px-6 py-3 rounded shadow
hover:shadow-lg outline-none focus:outline-none mr-1 mb-1
ease-linear transition-all duration-150"
type="button"
onClick={() => this.dropData(item)}>
<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16"
fill="currentColor" class="bi bi-trash" viewBox="0 0 16 16">
<path d="M5.5 5.5A.5.5 0 0 1 6 6v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1
.5-.5zm2.5 0a.5.5 0 0 1 .5.5v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1
.5-.5zm3 .5a.5.5 0 0 0-1 0v6a.5.5 0 0 0 1 0V6z"/>
<path fill-rule="evenodd" d="M14.5 3a1 1 0 0 1-1 1H13v9a2 2 0 0
1-2 2H5a2 2 0 0 1-2-2V4h-.5a1 1 0 0 1-1-1V2a1 1 0 0 1 1-1H6a1 1 0
0 1 1-1h2a1 1 0 0 1 1 1h3.5a1 1 0 0 1 1 1v1zM4.118 4L4.059V13a1
1 0 0 0 1 1h6a1 1 0 0 0 1-1V4.059L11.882 4H4.118zM2.5
3V2h11v1h-11z"/>
</svg>
</button>

```

```

</span>
</li>
</ul>
</td>
</tr>
)) }
</tbody>
</table>
</div>
</div>
</div>
</div>
</div>
)
}
}
}
export default Siswa;

```

// Table_Spp.js

```

import React from "react";
import axios from "axios";
import { base_url } from "../Config.js";

class Spp extends React.Component{
  constructor(){
    super()
    this.state = {
      token: "",
      data_spp: [],
      message: "",
      found: "",

      id_spp: "",
      tahun: 0,
      nominal: 0,
      action: "",
      modal: "hidden"
    }
    // dapetin token dari localStorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
    } else {
      // token ga ada, redirect ke laman Login
      window.location = "/login"
    }
  }

  getDataSpp = () => {
    let url = base_url + "/spp"

    axios.get(url,{

```

```

headers:{
    Authorization: "Bearer " + this.state.token
  }
})
.then(response => {
  this.setState({
    found: response.data.found
  })
  if(this.state.found){
    let data_spp = JSON.parse(JSON.stringify(response.data.spp))

    this.setState({
      data_spp: data_spp
    })
  } else {
    this.setState({
      message: response.data.message
    })
  }
})
.catch(error => console.log(error))
}

addData = () => {
  this.toggleModal(true)
  this.setState({
    action: "add",
    tahun: "",
    nominal: ""
  })
}

updateData = (selectedItem) => {
  this.toggleModal(true)
  this.setState({
    action: "update",
    id_spp: selectedItem.id_spp,
    tahun: selectedItem.tahun,
    nominal: selectedItem.nominal
  })
}

dropData = selectedItem => {
  if (window.confirm("Yakin nih dihapus?")) {
    let url = base_url + "/spp/" + selectedItem.id_spp

    axios.delete(url,{
      headers:{
        Authorization: "Bearer " + this.state.token
      }
    })
    .then(response => {
      window.alert(response.data.message)
    })
  }
}

```

```

        this.getDataSpp()
      })
      .catch(error => console.log(error))
    }
  }

  save = event => {
    event.preventDefault()

    let form = {
      id_spp: this.state.id_spp,
      tahun: this.state.tahun,
      nominal: this.state.nominal
    }

    let url = base_url + "/spp"
    if (this.state.action === "add") {
      axios.post(url, form, { headers: {
        Authorization: "Bearer " + this.state.token
      } })
      .then(response => {
        this.getDataSpp()
      })
      .catch(error => console.log("catch"))
    } else if (this.state.action === "update") {
      axios.put(url, form, { headers: {
        Authorization: "Bearer " + this.state.token
      } })
      .then(response => {
        this.getDataSpp()
      })
      .catch(error => console.log(error))
    }
    this.toggleModal(false)
  }

  toggleModal = (modal) => {
    if(modal){
      this.setState({modal: "flex"})
    }else{
      this.setState({modal: "hidden"})
    }
  }

  componentDidMount(){
    this.getDataSpp()
  }

  render(){
    return(
      <div>
        <div className="mx-auto flex flex-row items-start items-center justify-between pb-4 border-b border-gray-300">
          <div className="mx-auto">

```

```

        <div className="flex flex-col md:flex-row items-
start md:items-center text-gray-600 text-sm">
            <div className="flex items-center">
                <h4 className="text-2xl font-bold leading-
tight text-gray-800 text-center">Tabel Daftar SPP</h4>
            </div>
        </div>
    </div>
</div>

<div>
    <button onClick={() => this.addData()} className="transi
tion duration-150 ease-in-out hover:bg-indigo-600 focus:outline-none border bg-
indigo-700 rounded text-white px-8 py-2 text-sm">
        Tambah Data
    </button>
    { /* Modal */ }
    <div className={` ${this.state.modal} justify-
center items-center flex overflow-x-hidden overflow-y-auto fixed inset-0 z-
50 outline-none focus:outline-none`}>
        <div className="relative w-auto my-6 mx-auto max-w-
3xl">
            { /* content */ }
            <div className="border-0 rounded-lg shadow-
lg relative flex flex-col w-full glass outline-none focus:outline-none">
                { /* body */ }
                <div className="relative p-6 flex-auto">
                    <div class="mt-10 sm:mt-0">
                        <div class="md:grid md:grid-cols-
3 md:gap-6">
                            <div class="md:col-span-1">
                                <div class="px-4 sm:px-0">
                                    <h3 class="text-lg font-
medium leading-6 text-gray-900">{this.state.action.toUpperCase()} SPP</h3>
                                    <p class="mt-1 text-
sm text-gray-600">
                                        Gunakan untuk {this.stat
e.action.toUpperCase()} SPP<br/><br/>
                                        Syarat Penggunaan: <br/>
                                        -
                                        </p>
                                    </div>
                                </div>
                                <div class="mt-5 md:mt-0 md:col-
span-2">
                                    <form method="POST" onSubmit
={ev => this.save(ev)}>
                                        <div class="shadow overf
low-hidden sm:rounded-md">
                                            <div class="px-4 py-
5 bg-white sm:p-6">
                                                <div class="grid
grid-cols-6 gap-6">

```



```

sm font-medium rounded-md text-white bg-indigo-600 hover:bg-indigo-
800 focus:outline-none focus:ring-2 focus:ring-offset-2 focus:ring-green-500"
                                type="submit"
">
                                Save
                                </button>
                                </div>
                                </div>
                                </form>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>
                                </div>
                                <div className={` ${this.state.modal} opacity-
25 fixed inset-0 z-40 bg-black`} ></div>
                                </div>
                                </div>
                                <div class="flex flex-col">
                                <div class="-my-2 overflow-x-auto sm:-mx-6 lg:-mx-8">
                                <div class="py-2 align-middle inline-block min-w-
full sm:px-6 lg:px-8">
                                <div class="shadow overflow-hidden border-b border-
gray-200 sm:rounded-lg">
                                <table class="min-w-full divide-y divide-gray-
200">
                                <thead class="bg-gray-50">
                                <tr>
                                <th scope="col" class="px-6 py-
3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">
ID
                                </th>
                                <th scope="col" class="px-6 py-
3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">
Tahun
                                </th>
                                <th scope="col" class="px-6 py-
3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">
Nominal
                                </th>
                                <th scope="col" class="px-6 py-
3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">
Jumlah Siswa
                                </th>
                                <th scope="col" class="px-6 py-
3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">
Jumlah Pembayaran
                                </th>
                                <th scope="col" class="px-6 py-
3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">
Tanggal Dibuat

```

```

        </th>
        <th scope="col" class="px-6 py-3 text-left text-xs font-medium text-gray-500 uppercase tracking-wider">
            Changes
        </th>
    </tr>
</thead>
<tbody class="bg-white divide-y divide-gray-200">
    { this.state.data_spp.map( item => (
        <tr>
            <td class="px-6 py-4 whitespace-nowrap">
                <div class="text-sm text-gray-900">
                    {item.id_spp}
                </div>
            </td>
            <td class="px-6 py-4 whitespace-nowrap">
                <div class="text-sm text-gray-900">
                    {item.tahun}
                </div>
            </td>
            <td>
                <div class="text-sm text-gray-900">
                    Rp{item.nominal}
                </div>
            </td>
            <td>
                <div class="text-sm text-gray-900">
                    {item.siswa.length}
                </div>
            </td>
            <td>
                <div class="text-sm text-gray-900">
                    {item.pembayaran.length}
                </div>
            </td>
            <td>
                <div class="text-sm text-gray-900">
                    {item.createdAt}
                </div>
            </td>
            <td class="px-6 py-4 whitespace-nowrap">
                {item.siswa.length > 0 ? (

```

```

<ul className="flex flex-
col md:flex-row items-start md:items-center text-gray-600 text-sm mt-3">
  <li className="flex item
s-center mr-3 mt-3 md:mt-0">
    <span className=
"mr-2">
      <button clas
sName="bg-indigo-500 text-white active:bg-indigo-600 font-bold uppercase text-
sm px-6 py-3 rounded shadow hover:shadow-lg outline-none focus:outline-none mr-
1 mb-1 ease-linear transition-all duration-150"
type="bu
tton"
onClick=
{() => this.updateData(item)}>
      <svg xml
ns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor" class
="bi bi-pencil-square" viewBox="0 0 16 16">
        <pat
h d="M15.502 1.94a.5.5 0 0 1 0 .706L14.459 3.691-2-
2L13.502 1.94a.5.5 0 0 1 .707 0l1.293 1.293zm-1.75 2.456l-2-
2L4.939 9.21a.5.5 0 0 0-.121.196l-.805 2.414a.25.25 0 0 0 .316.316l2.414-
.805a.5.5 0 0 0 .196-.121l6.813-6.814z"/>
        <pat
h fill-rule="evenodd" d="M1 13.5A1.5 1.5 0 0 0 2.5 15h11a1.5 1.5 0 0 0 1.5-1.5v-
6a.5.5 0 0 0-1 0v6a.5.5 0 0 1-.5.5h-11a.5.5 0 0 1-.5-.5v-11a.5.5 0 0 1 .5-
.5H9a.5.5 0 0 0 0-1H2.5A1.5 1.5 0 0 0 1 2.5v11z"/>
      </svg>
    </button>
  </span>
</li>
<li className="flex item
s-center mr-3 mt-3 md:mt-0">
    <span class="px-
2 inline-flex text-xs leading-5 font-semibold rounded-full bg-yellow-100 text-
yellow-800">
      Tidak bisa dihap
us!
    </span>
  </li>
</ul>
):
<>
  <ul className="flex flex
-col md:flex-row items-start md:items-center text-gray-600 text-sm mt-3">
    <li className="flex
items-center mr-3 mt-3 md:mt-0">
      <span className=
"mr-2">
        <button clas
sName="bg-indigo-500 text-white active:bg-indigo-600 font-bold uppercase text-
sm px-6 py-3 rounded shadow hover:shadow-lg outline-none focus:outline-none mr-
1 mb-1 ease-linear transition-all duration-150"

```

```

type="button"
tton"

onClick=
{() => this.updateData(item)}>

<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor" class="bi bi-pencil-square" viewBox="0 0 16 16">
<path
d="M15.502 1.94a.5.5 0 0 1 0 .706L14.459 3.691L13.502 1.94a.5.5 0 0 1 .707 0l1.293 1.293zm-1.75 2.456L12 14l-1.75 2.456L10.25 12l1.75-2.456z"/>
<path
fill-rule="evenodd" d="M1 13.5A1.5 1.5 0 0 0 2.5 15h11a1.5 1.5 0 0 0 1.5-1.5v-6a.5.5 0 0 0-.1 0v6a.5.5 0 0 1-.5.5h-11a.5.5 0 0 1-.5-.5v-11a.5.5 0 0 1 .5-.5H9a.5.5 0 0 0 0-1H2.5A1.5 1.5 0 0 0 1 2.5v11z"/>
</svg>
</button>
</span>
</li>
<li className="flex items-center mr-3 mt-3 md:mt-0">
<span className="mr-2">
<button className="bg-red-500 text-white active:bg-red-600 font-bold uppercase text-sm px-6 py-3 rounded shadow hover:shadow-lg outline-none focus:outline-none mr-1 mb-1 ease-linear transition-all duration-150" type="button"
tton"

onClick=
{() => this.dropData(item)}>

<svg xmlns="http://www.w3.org/2000/svg" width="16" height="16" fill="currentColor" class="bi bi-trash" viewBox="0 0 16 16">
<path
d="M5.5 5.5A.5.5 0 0 1 6 6v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1 .5-.5zm2.5 0a.5.5 0 0 1 .5.5v6a.5.5 0 0 1-1 0V6a.5.5 0 0 1 .5-.5zm3 .5a.5.5 0 0 0 1 0v6a.5.5 0 0 1 0V6z"/>
<path
fill-rule="evenodd" d="M14.5 3a1 1 0 0 1-1 1H13v9a2 2 0 0 1-2 2H5a2 2 0 0 1-2-2V4h-.5a1 1 0 0 1-1-1V2a1 1 0 0 1 1-1H6a1 1 0 0 1 1-1h2a1 1 0 0 1 1 1h3.5a1 1 0 0 1 1 1v1zM4.118 4.44L11.882 4.118zM2.5 3V2h11v1h-11z"/>
</svg>
</button>
</span>
</li>
</ul>
</>
}
</td>
</tr>

```

```

        )) }
      </tbody>
    </table>
  </div>
</div>
</div>
</div>
</div>
</div>
)
}
}

export default Spp;

```

// Tabs.js

```

import React from "react";
function Tabs(props) {
  const [openTab, setOpenTab] = React.useState(1);
  return (
    <>
      <div className="flex flex-wrap">
        <div className="w-full">
          <ul className="flex mb-0 list-none flex-wrap pt-3 pb-4 flex-row"
            role="tablist">
            >
              <li className="-mb-px mr-2 last:mr-0 flex-auto text-center">
                <a className={"text-xs font-bold uppercase px-5 py-3 shadow lg rounded block leading-normal"
                  + (openTab === 1 ? "text-white bg-"
                    + props.color + "-600": "text-" + props.color + "-600 bg-white")}
                  onClick={e => {e.preventDefault(); setOpenTab(1);}}
                  data-toggle="tab"
                  href="#link1"
                  role="tablist">{props.title1}</a>
              </li>
              <li className="-mb-px mr-2 last:mr-0 flex-auto text-center">
                <a className={"text-xs font-bold uppercase px-5 py-3 shadow lg rounded block leading-normal"
                  + (openTab === 2 ? "text-white bg-"
                    + props.color + "-600": "text-" + props.color + "-600 bg-white")}
                  onClick={e => {e.preventDefault(); setOpenTab(2);}}
                  data-toggle="tab"
                  href="#link2"
                  role="tablist">{props.title2}</a>
              </li>
              <li className="-mb-px mr-2 last:mr-0 flex-auto text-center">
                <a className={"text-xs font-bold uppercase px-5 py-3 shadow lg rounded block leading-normal"
                  + (openTab === 3 ? "text-white bg-"
                    + props.color + "-600": "text-" + props.color + "-600 bg-white")}
                  onClick={e => {e.preventDefault(); setOpenTab(3);}}

```

```

        data-toggle="tab"
        href="#link3"
        role="tablist">{props.title3}</a>
    </li>
</ul>
<div className="relative flex flex-col min-w-0">
    <div className="pr-3 py-5 flex-auto">
        <div className="tab-content tab-space">
            <div className={openTab === 1 ? "block" : "hidden"}
id="link1">{props.tab1}</div>
            <div className={openTab === 2 ? "block" : "hidden"}
id="link2">{props.tab2}</div>
            <div className={openTab === 3 ? "block" : "hidden"}
id="link3">{props.tab3}</div>
        </div>
    </div>
</div>
</div>
</div>
</>
)
};
export default Tabs;

```

5. Terakhir, tambahkan CSS berikut ini pada file **App.css**:

```
.App {
  text-align: center;
}

.glass {
  background: rgba( 255, 255, 255, 0.45 );
  box-shadow: 0 8px 32px 0 rgba( 31, 38, 135, 0.37 );
  backdrop-filter: blur( 14.0px );
  -webkit-backdrop-filter: blur( 14.0px );
  border-radius: 10px;
  border: 1px solid rgba( 255, 255, 255, 0.18 );
}

.glass2 {
  background: linear-gradient(
    to right bottom,
    rgb(255, 255, 255),
    rgba(255, 255, 255, 0.671)
  );
}

.App-logo {
  height: 40vmin;
  pointer-events: none;
}

@media (prefers-reduced-motion: no-preference) {
  .App-logo {
    animation: App-logo-spin infinite 20s linear;
  }
}

.App-header {
  background-color: #282c34;
  min-height: 100vh;
  display: flex;
  flex-direction: column;
  align-items: center;
  justify-content: center;
  font-size: calc(10px + 2vmin);
  color: white;
}

.App-link {
  color: #61dafb;
}

@keyframes App-Logo-spin {
  from {
    transform: rotate(0deg);
  }
```



```
}  
to {  
  transform: rotate(360deg);  
}  
}
```

IV. Done!

Selamat mencoba.