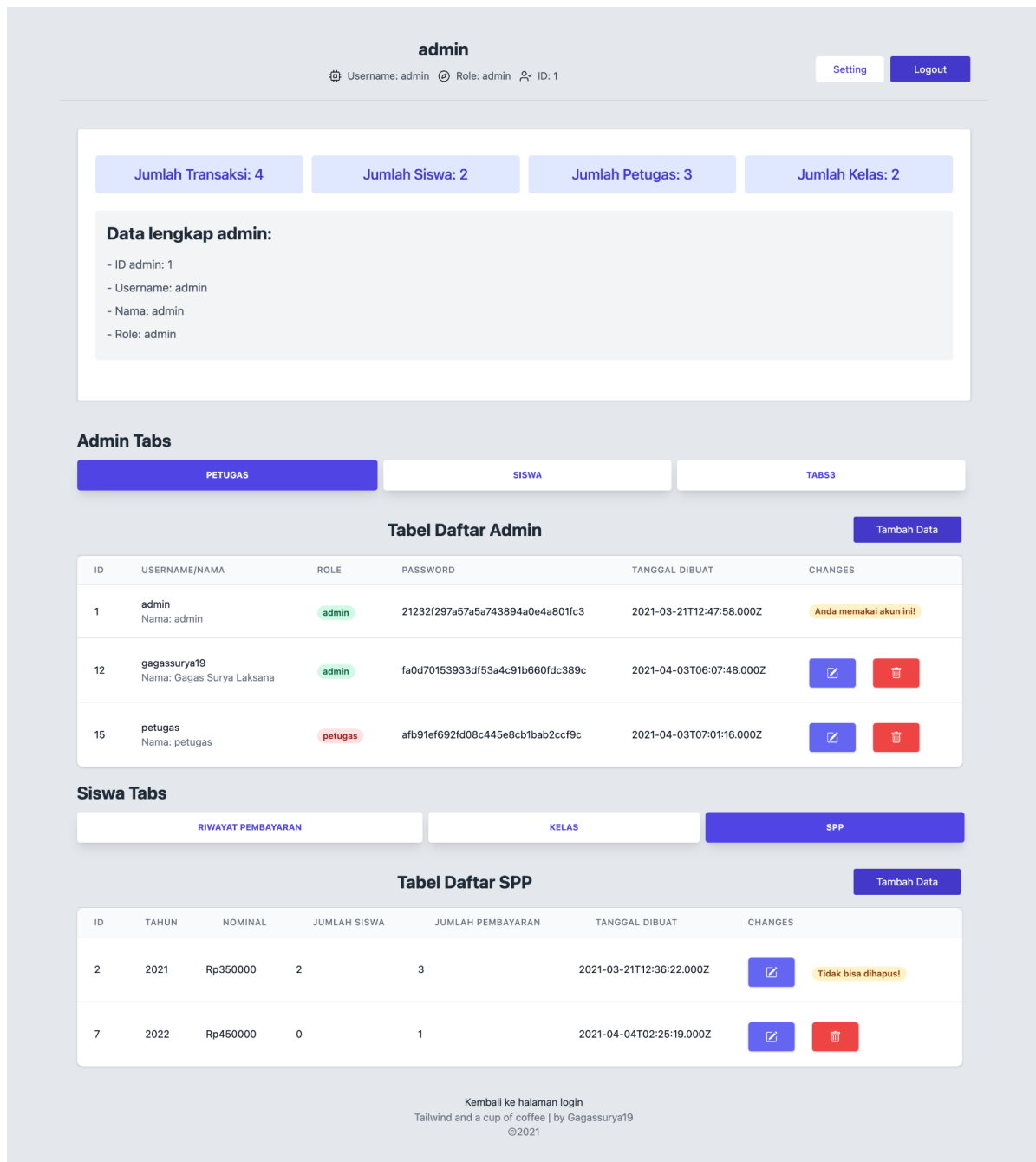# Dokumentasi Frontend Pembayaran SPP

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REKAYASA PERANGKAT LUNAK
SMK TELKOM MALANG
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Preview

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": "^6.1.1",
    "@popperjs/core": "2.9.1",
    "@tailwindcss/forms": "^0.2.1",
```

```
      "@testing-library/jest-dom": "^5.11.9",
      "@testing-library/react": "^11.2.5",
      "@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": "^1.1.1"
   },
```

Jadi, 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:

```
npx create-react-app .
```

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
@tailwindcss/postcss7-compat postcss@^7 autoprefixer@^9
```

2. Install **Craco** Karena Create React App tidak mengizinkan untuk mengganti konfigurasi PostCSS secara native, jadi perlu menginstal CRACO agar dapat mengkonfigurasi Tailwind.

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

3. Setelah terinstal, perbarui skrip di file **package.json** untuk menggunakan craco ubah semua skrip kecuali **eject:**

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

Background kuning diganti dengan yang dibawahnya.

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**:

```
npx tailwindcss init
```

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

```js
// 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:

```css
/* ./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**:

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

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 file dengan command berikut:

```
touch Dashboard.js Login.js Setting.js Siswa.js
```

3. Masukan script berikut sesuai dengan nama filenya:

// Dashboard.js

```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")) {
```

```javascript
            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))
    }
```

```javascript
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 7.8l-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 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_pembayaran.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
```

```jsx
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_petugas.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 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 className="w-full bg-gray-200
dark:bg-gray-900 pb-10">
```

```jsx
<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 consectetur adipisicing elit. Maxime mollitia, molestiae quas vel sint commodi repudiandae consequuntur voluptatum laborum numquam blanditiis harum quisquam eius sed odit fugiat iusto fuga praesentium optio, eaque rerum! Provident similique accusantium nemo autem. Veritatis obcaecati tenetur iure eius earum ut molestias architecto voluptate aliquam nihil, eveniet aliquid culpa officia aut! Impedit sit sunt quaerat, odit, tenetur error, harum nesciunt ipsum debitis quas aliquid. Reprehenderit, quia. Quo neque error repudiandae fuga? Ipsa laudantium molestias eos
```

sapiente officiis
modi at sunt excepturi expedita sint? Sed quibusdam
recusandae alias
error harum maxime adipisci amet laborum. Perspiciatis
minima nesciunt
dolorem! Officiis iure rerum voluptates a cumque velit
quibusdam sed amet
tempora. Sit laborum ab, eius fugit doloribus tenetur
fugiat, temporibus
enim commodi iusto libero magni deleniti quod quam
consequuntur!
Commodi minima excepturi repudiandae velit hic maxime
doloremque.
Quaerat provident commodi consectetur veniam similique ad
earum omnis ipsum
saepe, voluptas, hic voluptates pariatur est explicabo
fugiat, dolorum
eligendi quam cupiditate excepturi mollitia maiores labore
suscipit quas?
Nulla, placeat. Voluptatem quaerat non architecto ab laudantium
modi minima sunt
esse temporibus sint culpa, recusandae aliquam numquam
totam ratione
voluptas quod exercitationem fuga. Possimus quis earum veniam
quasi aliquam
eligendi, placeat qui corporis!

```jsx
              </p>
            </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" tab1={(
        <RIWAYAT_PEMBAYARAN/>
      )}
```

```jsx
                                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">Tailwind and a cup of coffee | by <a
href="http://github.com/gagassurya19" target="_blank"
rel="noreferrer">Gagassurya19</a></p>
                                    <p className="text-gray-500
text-sm">&copy;2021</p>
                                </div>
                            </div>
                        </div>
                    </div>
                </div>
            )
        }
}

export default Dashboard;
```

// Login.js

```jsx
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",
            nisn: "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 nisn = '/' + this.state.nisn
        window.location = '/siswa' + nisn
    }

    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>
                            <img class="mx-auto h-12 w-auto"
src="https://tailwindui.com/img/logos/workflow-mark-indigo-600.svg
" alt="Workflow"/>
                            <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">Wadidaw! </strong>
                                    <span class="block
sm:inline">{ this.state.message }</span>
                                </div>
```

```jsx
                                    ) : 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.setState({ 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 } onChange={ ev => this.setState({ username:
ev.target.value }) }/>
                                            </div>
                                            <div>
```

```jsx
                <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 } onChange={ ev => this.setState({ password:
ev.target.value }) }/>
                </div>
              </div>
          ) :
          <div>
              <label for="nisn"
class="sr-only">nisn</label>
                <input id="nisn" name="nisn"
type="number" autocomplete="nisn" 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.nisn }
onChange={ ev => this.setState({ nisn: 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

```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()
```

```jsx
    }
    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 7.8l-2 6.3-6.4 2.1 2-6.3z"/></svg>
```

```jsx
                                </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 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/>
```

```jsx
</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

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>
        )
    }
}

export default Setting;
```

```
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 = {
```

```
            nisn: "",
            data_siswa: "",
            data_spp: "",
            data_pembayaran: [],
            data_kelas: "",
            message: "",
            found: ""
        }
    }

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

        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,
                    nisn: siswa.nisn,
                    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" 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>{this.state.data_kelas.nama_kelas}</span>
```

```jsx
                                                </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 7.8l-2 6.3-6.4 2.1 2-6.3z"/></svg>
                                                        </span>

<span>{this.state.data_kelas.kompetensi_keahlian}</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>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 best 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">
```

```jsx
                                            <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.tahun} || 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.sisa }
                                                    </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 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">

Tanggal

</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">

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>

<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>
                                              </>
                                          ) :
                                            <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
```

```jsx
                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 best 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;
```

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

// Alert.js

```javascript
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

```javascript
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")
```

```javascript
        } 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: ""
        })
```

```javascript
    }

    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>
```

```jsx
<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
```

```jsx
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

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>
```

```html
                                            </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">
                                            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
```

```
3.69l-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-.12l6.813-6.814z"/>

<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
3.69l-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-.12l6.813-6.814z"/>

<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 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>
                                                    </>
                                                    }
                                                </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(){
```

```javascript
        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 =
```

```javascript
                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>
```

```jsx
                            <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>
                                                        <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>
```

```html
                    </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
```

```jsx
                                                </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
```

```jsx
                                          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
3.69l-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-.12l6.813-6.814z"/>

<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 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;
```

```javascript
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: "",
            nisn: "",
            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: "",
        nisn: "",
        tgl_bayar: "",
        bulan_dibayar: "",
        tahun_dibayar: "",
        id_spp: "",
        jumlah_bayar: ""
    })
}
```

```javascript
    updateData = selectedItem => {
        this.toggleModal(true)
        this.setState({
            action: "update",
            id_pembayaran: selectedItem.id_pembayaran,
            id_petugas: selectedItem.id_petugas,
            nisn: selectedItem.nisn,
            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,
```

```jsx
                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
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>
```

```jsx
                                               <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
3.69l-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-.12l6.813-6.814z"/>

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

export default Riwayat_Pembayaran;
```

```javascript
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: "",
```

```javascript
            nisn: "",
            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
```

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

    addData = () => {
        this.toggleModal(true)
        this.setState({
            action: "add",
            nisn: "",
            nis: "",
            nama: "",
            id_kelas: "",
            alamat: "",
            no_telp: "",
            id_spp: ""
        })
    }

    updateData = selectedItem => {
        this.toggleModal(true)
        this.setState({
            action: "update",
            nisn: selectedItem.nisn,
            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.nisn

            axios.delete(url,{
                headers:{
                    Authorization: "Bearer " + this.state.token
                }
```

```javascript
            })
            .then(response => {
                window.alert(response.data.message)
                this.getDataSiswa()
            })
            .catch(error => console.log(error))
    }
}

save = event => {
    event.preventDefault()

    let form = {
        nisn: this.state.nisn,
        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>
                    <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*/}
```

```jsx
                                <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()} Siswa</h3>
                                                        <p
class="mt-1 text-sm text-gray-600">

Gunakan
untuk {this.state.action.toUpperCase()} Siswa<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-4">
```

```jsx
<label for="nama" class="block text-sm font-medium
text-gray-700">Nama Lengkap</label>

<input type="text" name="nama" id="nama" autocomplete="nama"

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}

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>
```

```jsx
<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>
                                            </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">
                                                        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">
```

```jsx
                                          {
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
3.69l-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-.12l6.813-6.814z"/>
```

```
<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 4.059V13a1
1 0 0 0 1 1h6a1 1 0 0 0 1-1V4.059L11.882 4H4.118zM2.5
3V2h11v1h-11z"/>

</svg>

</button>
```

```jsx
                </span>
                                                        </li>
                                                    </ul>
                                                </td>
                                            </tr>
                                        )) }
                                    </tbody>
                                </table>
                            </div>
                        </div>
                    </div>
                </div>
            </div>
        )
    }
}


export default Siswa;
```

```jsx
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: ""
        })
```

```javascript
    }

    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>
    <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()} SPP</h3>
                                    <p
class="mt-1 text-sm text-gray-600">
                                        Gunakan
untuk {this.state.action.toUpperCase()} SPP<br/><br/>
                                        Syarat
Penggunaan: <br/>
                                        - Wajib
memasukan semua kolom
                                    </p>
                                </div>
```

```jsx
                                                        </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="tahun" class="block text-sm font-medium
text-gray-700">Tahun</label>

<input type="number" name="tahun" id="tahun" autocomplete="tahun"

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}

onChange={ev => this.setState({tahun: ev.target.value})}

required/>

</div>


<div class="col-span-6 sm:col-span-3">

<label for="nominal" class="block text-sm font-medium
text-gray-700">nominal</label>

<input type="number" name="nominal" id="nominal"
autocomplete="nominal"

class="mt-1 focus:ring-indigo-500 focus:border-indigo-500 block
w-full shadow-sm sm:text-sm border-gray-300 rounded-md"
```

```jsx
                                                     value={this.state.nominal}

onChange={ev => this.setState({nominal: 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>
```

```
                                            </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">

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 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"
```

```jsx
                                    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
3.69l-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-.12l6.813-6.814z"/>

                                    <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
3.69l-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-.12l6.813-6.814z"/>

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

export default Spp;
```

// Tabs.js

```jsx
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
```

```jsx
                        ? "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>
      </>
  );
};


export default Tabs;
```

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

```
.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)
    );
}
```

IV. Done!
Selamat aplikasi react sudah jadi. Mohon maaf bila banyak kekurangan pada dokumentasi ini dikarenakan dikerjakan 3 jam sebelum deadline. Terimakasih!