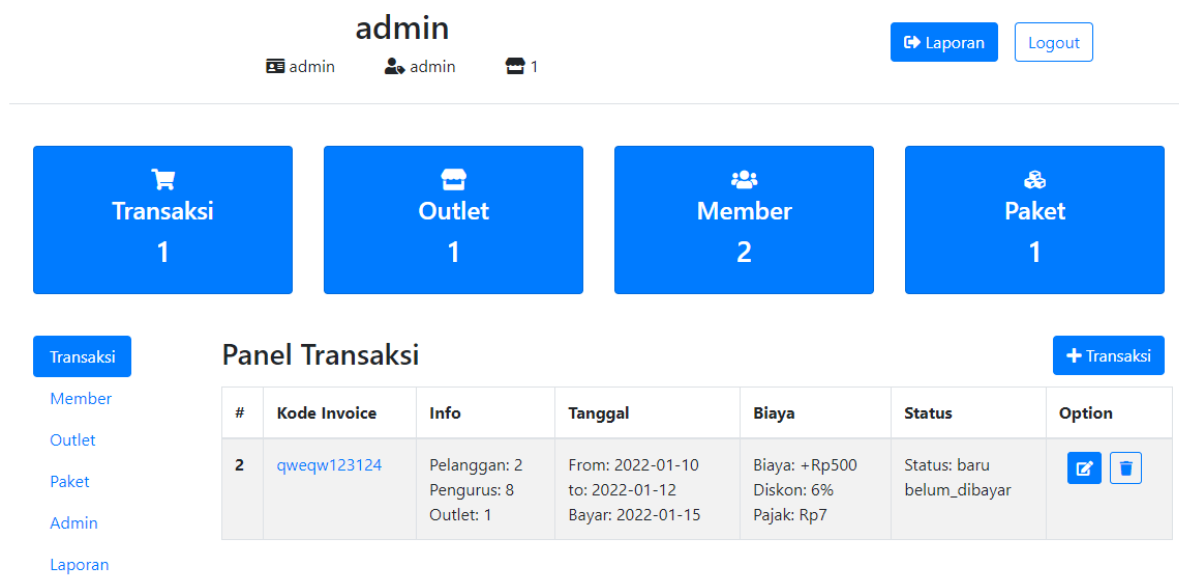


Dokumentasi Frontend Laundry OFFLINE-UKK



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REKAYASA PERANGKAT LUNAK
SMK TELKOM MALANG
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Preview

Persiapan Frontend

Ini adalah dokumentasi khusus untuk UKK-OFFLINE LAUNDRY-APP. Jadi segala macam library dan dependensi yang ada akan diminimalkan mengingat codingan ini dikerjakan tanpa internet. Disini saya memakai **REACTJS**, **Bootstrap 4**, **FontAwesome 5**, **react-router-dom 5**, **moment** dan **Axios**.

DEPENDENCIES

```
"dependencies": {
  "@testing-library/jest-dom": "^5.16.1",
  "@testing-library/react": "^12.1.2",
  "@testing-library/user-event": "^13.5.0",
  "axios": "^0.24.0",
  "bootstrap": "4.4",
  "moment": "^2.29.1",
  "react": "^17.0.2",
  "react-dom": "^17.0.2",
  "react-router-dom": "^5.3.0",
  "react-scripts": "5.0.0",
  "web-vitals": "^2.1.3"
},
```

SHORTCUT INSTALL

```
git clone
https://github.com/imLoLman/Font-Awesome-Offline-Quick-Icon-Search.git
```

```
git clone https://github.com/libracoder/bootstrap4-offline-docs.git
(KLIK LINK UNTUK DOWNLOAD)
https://use.fontawesome.com/releases/v5.15.4/fontawesome-free-5.15.4-web.zip
npm install bootstrap@4.4
npm install react-router-dom@5
npm install axios moment
```

I. Instalasi Dokumentasi Offline

Apa fungsinya? Mengatasi jika lupa syntax yang diperlukan tanpa membuka gugel.

1. Sebelum proses UKK dimulai, download dokumentasi offline dari bootstrap dan fontawesome. Bila diperlukan download juga modul lain yang sudah jadi sebagai referensi.

```
git clone https://github.com/imlolman/Font-Awesome-Offline-Quick-Icon-Search.git
git clone https://github.com/libracoder/bootstrap4-offline-docs.git
```

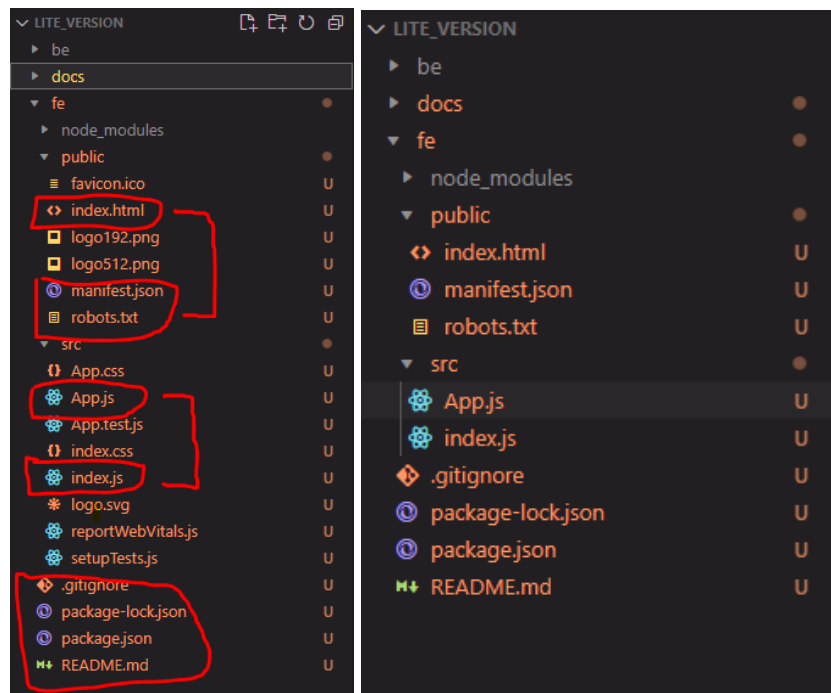
2. Cara membukanya tinggal klik 2x pada file html di masing2 directory/folder yang ter-clone.

II. Instalasi dan konfigurasi ReactJs

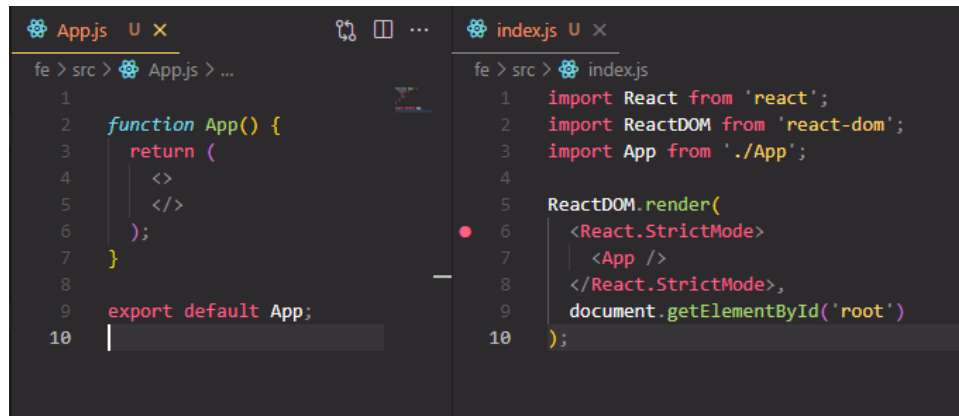
1. Membuat folder dengan nama **Frontend**.
2. Lakukan instalasi react didalam folder **Frontend** dengan command berikut:

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

3. Setelahnya, hapus folder dan file yang tidak diperlukan seperti gambar dibawah.
 - file dalam kolom merah jangan dihapus



4. Bersihkan codingan hingga seperti ini.



```
App.js
1
2 function App() {
3   return (
4     <>
5     </>
6   );
7 }
8
9 export default App;
10

index.js
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import App from './App';
4
5 ReactDOM.render(
6   <React.StrictMode>
7     <App />
8   </React.StrictMode>,
9   document.getElementById('root')
10 );
```

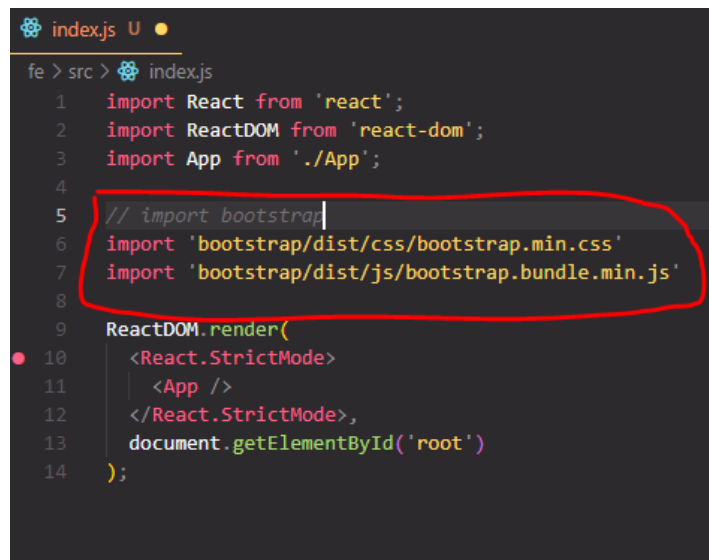
5. Jalankan react dengan **npm start** jika muncul blank putih maka konfigurasi berhasil.

III. Instalasi dan konfigurasi Bootstrap 4

1. Download dan install library berikut ini untuk UI Framework nya

npm **install bootstrap@4.4**

2. Deklarasikan pada file **index.js** seperti gambar dibawah ini



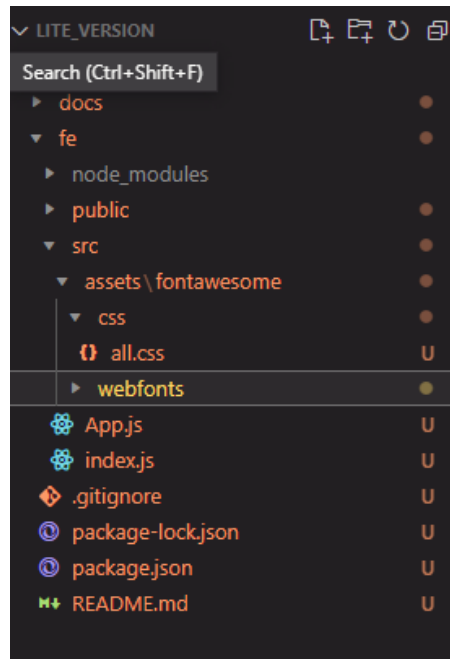
```
index.js
1 import React from 'react';
2 import ReactDOM from 'react-dom';
3 import App from './App';
4
5 // import bootstrap
6 import 'bootstrap/dist/css/bootstrap.min.css'
7 import 'bootstrap/dist/js/bootstrap.bundle.min.js'
8
9 ReactDOM.render(
10   <React.StrictMode>
11     <App />
12   </React.StrictMode>,
13   document.getElementById('root')
14 );
```

IV. Instalasi dan konfigurasi FontAwesome

1. Download **FontAwesome 5** di link ini

<https://use.fontawesome.com/releases/v5.15.4/fontawesome-free-5.15.4-web.zip>

2. Extract filenya kemudian copy file yang ada di **/css/all.css** dan folder **/webfonts**
3. Kemudian buat folder di src dan paste seperti digambar dibawah



4. Selanjutnya, deklarasikan di dalam file **index.js** seperti gambar dibawah

```

index.js U X
fe > src > index.js
1  import React from 'react';
2  import ReactDOM from 'react-dom';
3  import App from './App';
4
5  // import bootstrap dan font-awesome
6  import 'bootstrap/dist/css/bootstrap.min.css'
7  import 'bootstrap/dist/js/bootstrap.bundle.min.js'
8  import './assets/fontawesome/css/all.css'
9
10 ReactDOM.render(
11   <React.StrictMode>
12     <App />
13   </React.StrictMode>,
14   document.getElementById('root')
15 );

```

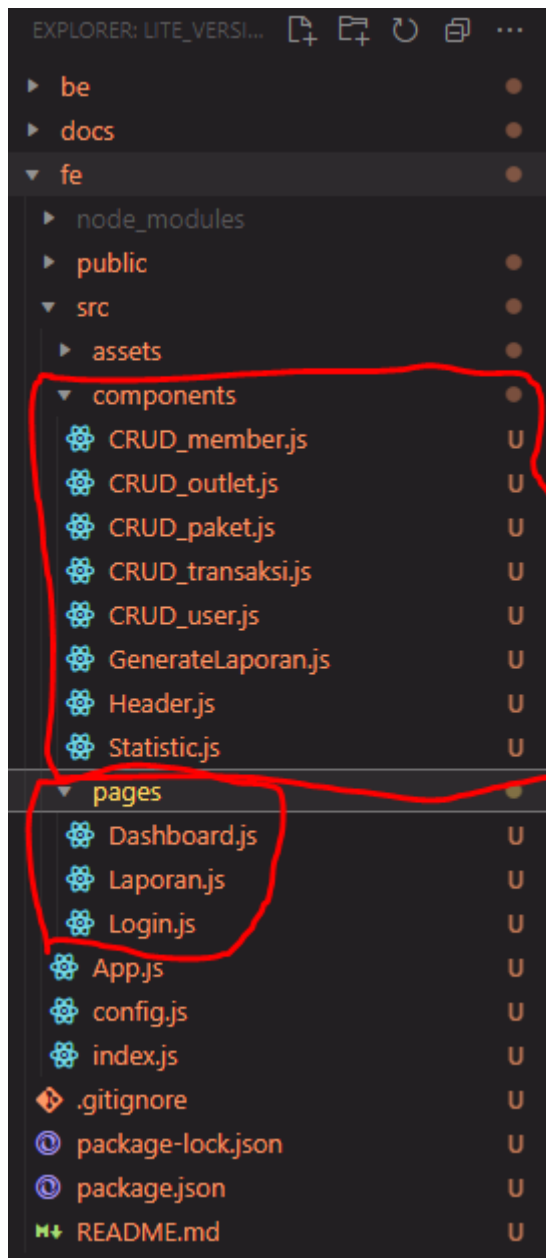
5. Setelah selesai pastikan tidak ada yang error. Gunakan beberapa contoh icon di dokumentasi offline untuk mencobanya.

V. Instalasi dan konfigurasi Router 5 (pages & components)

1. Download dan install library berikut ini untuk **Router** (Navigasi antar page) nya

```
npm install react-router-dom@5
```

2. Buat folder **components** dan **pages** dan file yang diperlukan seperti pada gambar dibawah



3. Pada file **App.js** lakukan konfigurasi router seperti ini

```
import {
  BrowserRouter as Router,
  Switch,
  Route
} from "react-router-dom";

// Deklarasi pages
import Login from "../pages/Login"
import Dashboard from "../pages/Dashboard"
import GenerateLaporan from "../pages/Laporan"
```

```
export default function App() {
  return (
    <Router>
      <Switch>
        <Route exact path="/" component={Dashboard} />
        <Route path="/login" component={Login} />
        <Route path="/laporan" component={GenerateLaporan} />
      </Switch>
    </Router>
  );
}
```

4. Kemudian tambahkan file **config.js** untuk menampung **base_url** backend

```
module.exports = {
  base_url: "http://localhost:8000"
};
```

PENTING!

Sebelum masuk ke langkah selanjutnya, harap untuk menginstall library **axios** dan **moment** terlebih dahulu. **Axios** berfungsi untuk memanggil endpoint dari backend. **Moment** berfungsi untuk parse data date.

```
npm install axios moment
```

VI. Components

1. Components **CRUD_member.js**

```
import React from "react";
import axios from "axios";
import { base_url } from "../config";
import $ from "jquery";

export default class Member extends React.Component {
  constructor() {
    super();
    this.state = {
      token: "",
      found: "",
      data: [],
      modallabel: "",
      action: "",
    };
  }
}
```

```

        id: "",
        nama: "",
        alamat: "",
        jenis_kelamin: "",
        tlp: ""
    }
    // dapetin token dari localStorage
    if (localStorage.getItem("token")) {
        this.state.token = localStorage.getItem("token")
    } else {
        // token ga ada, redirect ke halaman login
        window.location = "/login"
    }
}

getData = () => {
    let url = base_url + "/member"

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

Add = () => {
    $("#modal_member").modal("show")
    this.setState({
        action: "add",
    })
}

```



```

        modallabel: "Tambah Data",
        id: "",
        nama: "",
        alamat: "",
        jenis_kelamin: "",
        tlp: ""
    })
}

Edit = (selectedItem) => {
    $("#modal_member").modal("show")
    this.setState({
        action: "edit",
        modallabel: "Edit Data",
        id: selectedItem.id,
        nama: selectedItem.nama,
        alamat: selectedItem.alamat,
        jenis_kelamin: selectedItem.jenis_kelamin,
        tlp: selectedItem.tlp
    })
}

Delete = (selectedItem) => {
    if (window.confirm("Yakin nih dihapus?")) {
        let url = base_url + "/member/" + selectedItem.id

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

Save = event => {
    event.preventDefault()
    $("#modal_member").modal("hide")
}

```

```

    let data = {
      id: this.state.id,
      nama: this.state.nama,
      alamat: this.state.alamat,
      jenis_kelamin: this.state.jenis_kelamin,
      tlp: this.state.tlp
    }
    console.log(data)
    const url = base_url + "/member"

    if(this.state.action === "add"){
      axios.post(url, data, { headers:{
        Authorization: "Bearer " + this.state.token
      }})
      .then(response => {
        this.getData()
      })
      .catch(error => console.log(error))
    } else if(this.state.action === "edit") {
      axios.put(url, data, { headers:{
        Authorization: "Bearer " + this.state.token
      }})
      .then(response => {
        this.getData()
      })
      .catch(error => console.log(error))
    }
  }

  componentDidMount(){
    this.getData()
  }

  render(){
    return(
      <>
        <div class="d-flex justify-content-between">
          <div>
            <h3 className="fw-bold">Panel Member</h3>
          </div>
          <div>

```

```

        <button className="btn btn-primary mx-2
fw-bold" type="button" onClick={() => {this.Add()}}><i class="fas
fa-plus"></i> Member</button>
    </div>
</div>
<div className="table-responsive mt-2">
    <table class="table table-bordered table-striped
table-hover">
        <thead>
            <tr>
                <th scope="col">ID</th>
                <th scope="col">Nama Member</th>
                <th scope="col">Jenis Kelamin</th>
                <th scope="col">No Telp</th>
                <th scope="col">Alamat</th>
                <th scope="col">Option</th>
            </tr>
        </thead>
        <tbody>
            { this.state.data.map(item => (
                <tr>
                    <th scope="row">{item.id}</th>
                    <td>{item.nama}</td>
                    <td>{item.jenis_kelamin}</td>
                    <td>{item.tlp}</td>
                    <td>{item.alamat}</td>
                    <td>
                        <button className="btn btn-sm
btn-primary mx-2 fw-bold" type="button"
                            onClick={() =>
this.Edit(item)}><i class="fas fa-edit"></i></button>
                        <button className="btn btn-sm
btn-outline-primary fw-bold" type="button"
                            onClick={() =>
this.Delete(item)}><i class="fas fa-trash"></i></button>
                    </td>
                </tr>
            ))}
        </tbody>
    </table>
</div>

```



```

                                onChange={ev =>
this.setState({jenis_kelamin: ev.target.value})}
                                required/>
                            </div>

                            Telepon
                            <div class="input-group mb-3">
                                <input type="text"
class="form-control" placeholder="Telepon"
                                value={this.state.tlp}
                                onChange={ev =>
this.setState({tlp: ev.target.value})}
                                required/>
                            </div>

                        </div>
                        <div class="modal-footer">
                            <button type="submit" class="btn
btn-primary">Save</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </>
)
}
}

```

2. Components CRUD_outlet.js

```

import React from "react";
import axios from "axios";
import { base_url } from "../config";
import $ from "jquery";

export default class outlet extends React.Component{
    constructor(){
        super()
        this.state = {
            token: "",
            found: "",
            data: [],

```

```

        modallabel: "",
        action: "",

        id: "",
        nama: "",
        tlp: ""
    }
    // dapetin token dari localstorage
    if (localStorage.getItem("token")) {
        this.state.token = localStorage.getItem("token")
    } else {
        // token ga ada, redirect ke halaman login
        window.location = "/login"
    }
}

getData = () => {
    let url = base_url + "/outlet"

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

Add = () => {
    $("#modal_outlet").modal("show")
    this.setState({

```

```

        action: "add",
        modallabel: "Tambah Data",
        id: "",
        nama: "",
        alamat: "",
        tlp: ""
    })
}

Edit = (selectedItem) => {
    $("#modal_outlet").modal("show")
    this.setState({
        action: "edit",
        modallabel: "Edit Data",
        id: selectedItem.id,
        nama: selectedItem.nama,
        alamat: selectedItem.alamat,
        tlp: selectedItem.tlp
    })
}

Delete = (selectedItem) => {
    if (window.confirm("Yakin nih dihapus?")) {
        let url = base_url + "/outlet/" + selectedItem.id

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

Save = event => {
    event.preventDefault()
    $("#modal_outlet").modal("hide")
}

```

```

    let data = {
      id: this.state.id,
      nama: this.state.nama,
      alamat: this.state.alamat,
      tlp: this.state.tlp
    }
    const url = base_url + "/outlet"

    if(this.state.action == "add"){
      axios.post(url, data, { headers:{
        Authorization: "Bearer " + this.state.token
      }})
      .then(response => {
        this.getData()
      })
      .catch(error => console.log(error))
    } else if(this.state.action == "edit") {
      axios.put(url, data, { headers:{
        Authorization: "Bearer " + this.state.token
      }})
      .then(response => {
        this.getData()
      })
      .catch(error => console.log(error))
    }
  }

  componentDidMount(){
    this.getData()
  }

  render(){
    return(
      <>
        <div class="d-flex justify-content-between">
          <div>
            <h3 className="fw-bold">Panel Outlet</h3>
          </div>
          <div>
            <button className="btn btn-primary mx-2
fw-bold" type="button"
              onClick={() => {this.Add()}}><i class="fas
fa-plus"></i> Outlet</button>
          </div>
        </div>
      </>
    )
  }

```



```

        </div>
        <div className="table-responsive mt-2">
            <table class="table table-bordered table-striped
table-hover">

                <thead>
                    <tr>
                        <th scope="col">ID</th>
                        <th scope="col">Nama Outlet</th>
                        <th scope="col">No Telp</th>
                        <th scope="col">Alamat</th>
                        <th scope="col">Option</th>
                    </tr>
                </thead>
                <tbody>
                    {this.state.data.map(item => (
                        <tr>
                            <th scope="row">{item.id}</th>
                            <td>{item.nama}</td>
                            <td>{item.tlp}</td>
                            <td>{item.alamat}</td>
                            <td>
                                <button className="btn btn-sm
btn-primary mx-2 fw-bold" type="button"
                                    onClick={() => this.Edit(item)}
                                    ><i class="fas
fa-edit"></i></button>
                                <button className="btn btn-sm
btn-outline-primary fw-bold" type="button"
                                    onClick={() =>
this.Delete(item)}><i class="fas fa-trash"></i></button>
                            </td>
                        </tr>
                    ))}
                </tbody>
            </table>
        </div>

        {/* modal */}
        <div class="modal fade" id="modal_outlet" tabindex="-1"
aria-labelledby="modalLabel" aria-hidden="true" data-backdrop="false">
            <div class="modal-dialog modal-dialog-centered">
                <div class="modal-content">

```

```

        <div class="modal-header">
            <h5 class="modal-title"
id="modalLabel">{this.state.modalLabel} Outlet</h5>
            <button type="button" class="close"
data-dismiss="modal" aria-label="Close">
                <span aria-hidden="true">&times;</span>
            </button>
        </div>
        <form onSubmit={ev => this.Save(ev)}>
            <div class="modal-body">

                Nama
                <div class="input-group mb-3">
                    <input type="text"
class="form-control" placeholder="Nama"
                        value={this.state.nama}
                        onChange={ev =>
this.setState({nama: ev.target.value})}
                        required/>
                </div>

                Alamat
                <div class="input-group mb-3">
                    <input type="text"
class="form-control" placeholder="Alamat"
                        value={this.state.alamat}
                        onChange={ev =>
this.setState({alamat: ev.target.value})}
                        required/>
                </div>

                Telepon
                <div class="input-group mb-3">
                    <input type="text"
class="form-control" placeholder="Telepon"
                        value={this.state.tlp}
                        onChange={ev =>
this.setState({tlp: ev.target.value})}
                        required/>
                </div>

            </div>

```

```

        <div class="modal-footer">
            <button type="submit" class="btn
btn-primary">Save</button>
        </div>
    </form>
</div>
</div>
</div>
</div>
</>
)
}
}

```

3. Components **CRUD_paket.js**

```
import React from "react";
import axios from "axios";
import $ from "jquery";
import { baseUrl } from "../config";

export default class Paket extends React.Component{
  constructor(){
    super()
    this.state = {
      token: "",
      found: "",
      data: [],
      modallabel: "",
      action: "",

      id: "",
      id_outlet: "",
      jenis: "",
      nama_paket: "",
      harga: ""
    }
    // dapetin token dari Localstorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
    } else {
      // token ga ada, redirect ke halaman login
      window.location = "/login"
    }
  }
}
```

```

    }

    getData = () => {
        let url = base_url + "/paket"

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

    Add = () => {
        $("#modal_paket").modal("show")
        this.setState({
            action: "add",
            modalLabel: "Tambah Data",
            id: "",
            id_outlet: "",
            jenis: "",
            nama_paket: "",
            harga: ""
        })
    }

    Edit = (selectedItem) => {
        $("#modal_paket").modal("show")
        this.setState({
            action: "edit",

```

```

        modallabel: "Edit Data",
        id: selectedItem.id,
        id_outlet: selectedItem.id_outlet,
        jenis: selectedItem.jenis,
        nama_paket: selectedItem.nama_paket,
        harga: selectedItem.harga
    })
}

Delete = (selectedItem) => {
    if (window.confirm("Yakin nih dihapus?")) {
        let url = base_url + "/paket/" + selectedItem.id

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

Save = event => {
    event.preventDefault()
    $("#modal_paket").modal("hide")

    let data = {
        id: this.state.id,
        id_outlet: this.state.id_outlet,
        jenis: this.state.jenis,
        nama_paket: this.state.nama_paket,
        harga: this.state.harga
    }

    const url = base_url + "/paket"

    if(this.state.action == "add"){
        axios.post(url, data, { headers:{
            Authorization: "Bearer " + this.state.token

```



```

        <th scope="col">Option</th>
      </tr>
    </thead>
    <tbody>
      {this.state.data.map(item => (
        <tr>
          <th scope="row">{item.id}</th>
          <td>{item.nama_paket}</td>
          <td>{item.jenis}</td>
          <td>{item.id_outlet}</td>
          <td>{item.harga}</td>
          <td>
            <button className="btn btn-sm
btn-primary mx-2 fw-bold" type="button"
                                onClick={() =>
this.Edit(item)}><i class="fas fa-edit"></i></button>
            <button className="btn btn-sm
btn-outline-primary fw-bold" type="button"
                                onClick={() =>
this.Delete(item)}><i class="fas fa-trash"></i></button>
          </td>
        </tr>
      )})
    </tbody>
  </table>
</div>

{/* modal */}
<div class="modal fade" id="modal_paket" tabindex="-1"
aria-labelledby="modalLabel" aria-hidden="true" data-backdrop="false">
  <div class="modal-dialog modal-dialog-centered">
    <div class="modal-content">
      <div class="modal-header">
        <h5 class="modal-title"
id="modalLabel">{this.state.modalLabel} Paket</h5>
        <button type="button" class="close"
data-dismiss="modal" aria-label="Close">
          <span aria-hidden="true">&times;</span>
        </button>
      </div>
      <form onSubmit={ev => this.Save(ev)}>
        <div class="modal-body">

```

```
Outlet
    <div class="input-group mb-3">
        <input type="text"
class="form-control" placeholder="Outlet"
        value={this.state.id_outlet}
        onChange={ev =>
this.setState({id_outlet: ev.target.value})}
        required/>
    </div>

Nama Paket
    <div class="input-group mb-3">
        <input type="text"
class="form-control" placeholder="Nama Paket"
        value={this.state.nama_paket}
        onChange={ev =>
this.setState({nama_paket: ev.target.value})}
        required/>
    </div>

Jenis
    <div class="input-group mb-3">
        <input type="text"
class="form-control" placeholder="Jenis"
        value={this.state.jenis}
        onChange={ev =>
this.setState({jenis: ev.target.value})}
        required/>
    </div>

Harga
    <div class="input-group mb-3">
        <input type="text"
class="form-control" placeholder="Harga"
        value={this.state.harga}
        onChange={ev =>
this.setState({harga: ev.target.value})}
        required/>
    </div>

</div>
```



```

        status: "",
        dibayar: ""
    }
    // dapetin token dari localstorage
    if (localStorage.getItem("token")) {
        this.state.token = localStorage.getItem("token")
    } else {
        // token ga ada, redirect ke halaman login
        window.location = "/login"
    }
}

getData = () => {
    let url = base_url + "/transaksi"

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

Add = () => {
    $("#modal_transaksi").modal("show")
    this.setState({
        action: "add",
        modallabel: "Tambah Data",
        id: "",
        id_outlet: "",
    })
}

```

```

        id_user: "",
        id_member: "",
        kode_invoice: "",
        tgl: "",
        batas_waktu: "",
        tgl_bayar: "",
        biaya_tambahan: "",
        diskon: "",
        pajak: "",
        status: "",
        dibayar: ""
    })
}

Edit = (selectedItem) => {
    $("#modal_transaksi").modal("show")
    this.setState({
        action: "edit",
        modallabel: "Edit Data",
        id: selectedItem.id,
        id_outlet: selectedItem.id_outlet,
        id_user: selectedItem.id_user,
        id_member: selectedItem.id_member,
        kode_invoice: selectedItem.kode_invoice,
        tgl: selectedItem.tgl,
        batas_waktu: selectedItem.batas_waktu,
        tgl_bayar: selectedItem.tgl_bayar,
        biaya_tambahan: selectedItem.biaya_tambahan,
        diskon: selectedItem.diskon,
        pajak: selectedItem.pajak,
        status: selectedItem.status,
        dibayar: selectedItem.dibayar
    })
}

Delete = (selectedItem) => {
    if (window.confirm("Yakin nih dihapus?")) {
        let url = base_url + "/transaksi/" + selectedItem.id

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

```

```

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

Save = event => {
  event.preventDefault()
  $("#modal_transaksi").modal("hide")

  let data = {
    id: this.state.id,
    id_outlet: this.state.id_outlet,
    id_user: this.state.id_user,
    id_member: this.state.id_member,
    kode_invoice: this.state.kode_invoice,
    tgl: this.state.tgl,
    batas_waktu: this.state.batas_waktu,
    tgl_bayar: this.state.tgl_bayar,
    biaya_tambahan: this.state.biaya_tambahan,
    diskon: this.state.diskon,
    pajak: this.state.pajak,
    status: this.state.status,
    dibayar: this.state.dibayar
  }

  const url = base_url + "/transaksi"

  if (this.state.action === "add") {
    axios.post(url, data, {
      headers: {
        Authorization: "Bearer " + this.state.token
      }
    })
    .then(response => {
      this.getData()
    })
    .catch(error => console.log(error))
  } else if (this.state.action === "edit") {

```

```

        axios.put(url, data, {
          headers: {
            Authorization: "Bearer " + this.state.token
          }
        })
      .then(response => {
        this.getData()
      })
      .catch(error => console.log(error))
    }
  }

  ConvertTime = (time) => {
    return moment(`${time}`).utc().format('YYYY-MM-DD')
  }

  componentDidMount() {
    this.getData()
  }

  render() {
    return (
      <>
        <div class="d-flex justify-content-between">
          <div>
            <h3 className="fw-bold">Panel Transaksi</h3>
          </div>
          <div>
            <button className="btn btn-primary mx-2
fw-bold" type="button"
            onClick={() => this.Add()}><i class="fas
fa-plus"></i> Transaksi</button>
          </div>
        </div>
        <div className="table-responsive mt-2">
          <table class="table table-bordered table-striped
table-hover">
            <thead>
              <tr>
                <th scope="col">#</th>
                <th scope="col">Kode Invoice</th>
                <th scope="col">Info</th>
                <th scope="col">Tanggal</th>
                <th scope="col">Biaya</th>
              </tr>
            </thead>
          </table>
        </div>
      </>
    )
  }
}

```

```

                <th scope="col">Status</th>
                <th scope="col">Option</th>
            </tr>
        </thead>
        <tbody>
            {this.state.data.map(item => (
                <>
                    <tr>
                        <th scope="row">{item.id}</th>
                        <td><a
href="#">{item.kode_invoice}</a></td>
                        <td>Pelanggan: {item.id_member}
<br /> Pengurus: {item.id_user} <br /> Outlet: {item.id_outlet}</td>
                        <td>From:
{this.ConvertTime(item.tgl)} <br
{this.ConvertTime(item.batas_waktu)} <br
{this.ConvertTime(item.tgl_bayar)}</td>
                        <td>Biaya:
+Rp{item.biaya_tambahan} <br /> Diskon: {item.diskon}% <br /> Pajak:
Rp{item.pajak}</td>
                        <td>Status: {item.status} <br
/>{item.dibayar}</td>
                        <td>
                            <button className="btn
btn-sm btn-primary mx-2 fw-bold" type="button"
                                onClick={() =>
this.Edit(item)}><i class="fas fa-edit"></i></button>
                            <button className="btn
btn-sm btn-outline-primary fw-bold" type="button"
                                onClick={() =>
this.Delete(item)}><i class="fas fa-trash"></i></button>
                        </td>
                    </tr>
                </>
            )})}
        </tbody>
    </table>
</div>

{ /* modal */}

```

```

        <div class="modal fade" id="modal_transaksi"
tabindex="-1"      aria-labelledby="modallabel"      aria-hidden="true"
data-backdrop="false">
        <div class="modal-dialog modal-dialog-centered">
        <div class="modal-content">
        <div class="modal-header">
                <h5 class="modal-title"
id="modallabel">{this.state.modallabel} Transaksi</h5>
                <button type="button" class="close"
data-dismiss="modal" aria-label="Close">
        <span aria-hidden="true">&times;</span>
        </button>
        </div>
        <form onSubmit={ev => this.Save(ev)}>
        <div class="modal-body">

                id_outlet
                <div class="input-group mb-3">
                        <input type="text"
class="form-control" placeholder="id_outlet"
                        value={this.state.id_outlet}
                        onChange={ev =>
this.setState({id_outlet: ev.target.value})}
                        required/>
                </div>

                id_user
                <div class="input-group mb-3">
                        <input type="text"
class="form-control" placeholder="id_user"
                        value={this.state.id_user}
                        onChange={ev =>
this.setState({id_user: ev.target.value})}
                        required/>
                </div>

                id_member
                <div class="input-group mb-3">
                        <input type="text"
class="form-control" placeholder="id_member"
                        value={this.state.id_member}

```

```

onChange={ev =>
this.setState({id_member: ev.target.value})}
      required/>
    </div>

    kode_invoice
    <div class="input-group mb-3">
      <input type="text"
class="form-control" placeholder="kode_invoice"
      value={this.state.kode_invoice}
      onChange={ev =>
this.setState({kode_invoice: ev.target.value})}
      required/>
    </div>

    tgl
    <div class="input-group mb-3">
      <input type="date"
class="form-control" placeholder="tgl"
      value={this.ConvertTime(this.state.tgl)}
      onChange={ev =>
this.setState({tgl: ev.target.value})}
      required/>
    </div>

    batas_waktu
    <div class="input-group mb-3">
      <input type="date"
class="form-control" placeholder="batas_waktu"
      value={this.ConvertTime(this.state.batas_waktu)}
      onChange={ev =>
this.setState({batas_waktu: ev.target.value})}
      required/>
    </div>

    tgl_bayar
    <div class="input-group mb-3">
      <input type="date"
class="form-control" placeholder="tgl_bayar"

```



```

value={this.ConvertTime(this.state.tgl_bayar)}
                                onChange={ev =>
this.setState({tgl_bayar: ev.target.value})}
                                required/>
</div>

biaya_tambahan
<div class="input-group mb-3">
    <input type="text"
class="form-control" placeholder="biaya_tambahan"
value={this.state.biaya_tambahan}
                                onChange={ev =>
this.setState({biaya_tambahan: ev.target.value})}
                                required/>
</div>

diskon
<div class="input-group mb-3">
    <input type="text"
class="form-control" placeholder="diskon"
                                value={this.state.diskon}
                                onChange={ev =>
this.setState({diskon: ev.target.value})}
                                required/>
</div>

pajak
<div class="input-group mb-3">
    <input type="text"
class="form-control" placeholder="pajak"
                                value={this.state.pajak}
                                onChange={ev =>
this.setState({pajak: ev.target.value})}
                                required/>
</div>

status
<div class="input-group mb-3">
    <input type="text"
class="form-control" placeholder="status"

```

```

                                value={this.state.status}
                                onChange={ev =>
this.setState({status: ev.target.value})}
                                required/>
                            </div>

                            dibayar
                            <div class="input-group mb-3">
                                <input type="text"
class="form-control" placeholder="dibayar"
                                value={this.state.dibayar}
                                onChange={ev =>
this.setState({dibayar: ev.target.value})}
                                required/>
                            </div>

                        </div>
                        <div class="modal-footer">
                            <button type="submit" class="btn
btn-primary">Save</button>
                        </div>
                    </form>
                </div>
            </div>
        </div>
    </>
    )
}
}

```

5. Components **CRUD_user.js**

```

import React from "react";
import axios from "axios";
import $ from "jquery";
import { base_url } from "../config";

export default class User extends React.Component{
    constructor(){
        super()
        this.state = {
            token: "",
            found: "",

```

```

        data: [],
        modallabel: "",
        action: "",

        id: "",
        nama: "",
        username: "",
        password: "",
        id_outlet: "",
        role: ""
    }
    // dapetin token dari localStorage
    if (localStorage.getItem("token")) {
        this.state.token = localStorage.getItem("token")
    } else {
        // token ga ada, redirect ke halaman login
        window.location = "/login"
    }
}

getData = () => {
    let url = base_url + "/user"

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

```

```

Add = () => {
  $("#modal_user").modal("show")
  this.setState({
    action: "add",
    modallabel: "Tambah Data",
    id: "",
    nama: "",
    username: "",
    password: "",
    id_outlet: "",
    role: ""
  })
}

Edit = (selectedItem) => {
  $("#modal_user").modal("show")
  this.setState({
    action: "edit",
    modallabel: "Edit Data",
    id: selectedItem.id,
    nama: selectedItem.nama,
    username: selectedItem.username,
    password: selectedItem.password,
    id_outlet: selectedItem.id_outlet,
    role: selectedItem.role
  })
}

Delete = (selectedItem) => {
  if (window.confirm("Yakin nih dihapus?")) {
    let url = base_url + "/user/" + selectedItem.id

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

```

```

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

Save = event => {
    event.preventDefault()
    $("#modal_user").modal("hide")

    let data = {
        id: this.state.id,
        nama: this.state.nama,
        username: this.state.username,
        password: this.state.password,
        id_outlet: this.state.id_outlet,
        role: this.state.role
    }

    const url = base_url + "/user"

    if(this.state.action === "add"){
        axios.post(url, data, { headers:{
            Authorization: "Bearer " + this.state.token
        }})
        .then(response => {
            this.getData()
        })
        .catch(error => console.log(error))
    } else if(this.state.action === "edit") {
        axios.put(url, data, { headers:{
            Authorization: "Bearer " + this.state.token
        }})
        .then(response => {
            this.getData()
        })
        .catch(error => console.log(error))
    }
}

componentDidMount(){
    this.getData()
}

render(){
    return(
        <>

```

```

<div class="d-flex justify-content-between">
  <div>
    <h3 className="fw-bold">Panel User</h3>
  </div>
  <div>
    <button className="btn btn-primary mx-2 fw-bold"
type="button"
      onClick={() => this.Add()}><i class="fas
fa-plus"></i> User</button>
  </div>
</div>
<div className="table-responsive mt-2">
  <table class="table table-bordered table-striped
table-hover">
    <thead>
      <tr>
        <th scope="col">ID</th>
        <th scope="col">Nama</th>
        <th scope="col">Username</th>
        <th scope="col">Outlet</th>
        <th scope="col">Role</th>
        <th scope="col">Option</th>
      </tr>
    </thead>
    <tbody>
      {this.state.data.map(item => (
        <tr>
          <th scope="row">{item.id}</th>
          <td>{item.nama}</td>
          <td>{item.username}</td>
          <td>{item.id_outlet}</td>
          <td>{item.role}</td>
          <td>
            <button className="btn btn-sm
btn-primary mx-2 fw-bold" type="button"
              onClick={() =>
this.Edit(item)}><i class="fas fa-edit"></i></button>
            <button className="btn btn-sm
btn-outline-primary fw-bold" type="button"
              onClick={() =>
this.Delete(item)}><i class="fas fa-trash"></i></button>
          </td>
        </tr>
      )
    )
  }
    </tbody>
  </table>

```

```

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

{/* modal */}
<div class="modal fade" id="modal_user" tabindex="-1"
aria-labelledby="modalLabel" aria-hidden="true" data-backdrop="false">
    <div class="modal-dialog modal-dialog-centered">
        <div class="modal-content">
            <div class="modal-header">
                <h5 class="modal-title"
id="modalLabel">{this.state.modalLabel} User</h5>
                <button type="button" class="close"
data-dismiss="modal" aria-label="Close">
                    <span aria-hidden="true">&times;</span>
                </button>
            </div>
            <form onSubmit={ev => this.Save(ev)}>
                <div class="modal-body">

                    Nama
                    <div class="input-group mb-3">
                        <input type="text"
class="form-control" placeholder="Nama"
value={this.state.nama}
onChange={ev =>
this.setState({nama: ev.target.value})}
required/>
                    </div>

                    Username
                    <div class="input-group mb-3">
                        <input type="text"
class="form-control" placeholder="Username"
value={this.state.username}
onChange={ev =>
this.setState({username: ev.target.value})}
required/>
                    </div>

```

```

        Password
        <div class="input-group mb-3">
            <input type="text"
class="form-control" placeholder="Password"
                value={this.state.password}
                onChange={ev =>
this.setState({password: ev.target.value})}
                required/>
        </div>

        Outlet
        <div class="input-group mb-3">
            <input type="text"
class="form-control" placeholder="Outlet"
                value={this.state.id_outlet}
                onChange={ev =>
this.setState({id_outlet: ev.target.value})}
                required/>
        </div>

        Role
        <div class="input-group mb-3">
            <input type="text"
class="form-control" placeholder="Role"
                value={this.state.role}
                onChange={ev =>
this.setState({role: ev.target.value})}
                required/>
        </div>

        </div>
        <div class="modal-footer">
            <button type="submit" class="btn
btn-primary">Save</button>
        </div>
    </form>
</div>
</div>
</div>
</div>
</div>
    </div>
    )
}

```



```
}
```

6. Components **GenerateLaporan.js**

```
import React from "react";
import Header from "../components/Header"

export default class GenerateLaporan extends React.Component{
  constructor(){
    super()
    this.state = {
      isOkay : true
    }
  }
  render(){
    return(
      <>
        {this.state.isOkay ? (
          <>
            <div class="d-flex align-items-center justify-content-center min-vh-100">
              <div class="container justify-content-center col-12 col-lg-3">
                <h1 className="text-center mb-4 fw-bold">LaundryKu</h1>
                <form>
                  <input class="form-control" type="text" placeholder="Kode Invoice" required/>
                  <div className="col-12 mx-auto">
                    <button className="btn btn-primary mt-4 form-control fw-bolder" type="submit">Search</button>
                  </div>
                </form>
              </div>
            </div>
          </>
        ):(
          <>
            <div className="container">
              <Header/>
            </div>
          </>
        )
      </>
    )}
  }
```

```

        </>
    )
}
}

```

7. Components **Header.js**

```

import React from "react";
import { Link } from "react-router-dom";

export default class Header extends React.Component{
    constructor(){
        super()
        this.state = {
            data_admin: {}
        }
    }

    getDataAdmin = () => {
        let data = JSON.parse(localStorage.getItem("data_admin"))
        if(!data){
            window.location = "/login"
        } else {
            this.setState({
                data_admin: data
            })
        }
    }

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

    componentDidMount(){
        this.getDataAdmin()
    }

    render(){
        return(
            <>
                <div className="row text-center border-bottom py-4">
                    {this.props.kind === "admin" ? (

```

```

        </>
        <div className="col-12 col-lg-8">
            <div className="col">
                <h2
                    className="fw-bolder">{this.state.data_admin.nama}</h2>
            </div>
            <div className="col">
                <span className="p-4 fw-bold"
                    title="Username"><i
                        className="fas
                            fa-id-card"></i>
                    {this.state.data_admin.username}</span>
                <span className="p-4 fw-bold"
                    title="Role/Level"><i
                        class="fas
                            fa-user-tag"></i>
                    {this.state.data_admin.role}</span>
                <span className="p-4 fw-bold"
                    title="Outlet/Cabang"><i
                        class="fas
                            fa-store"></i>
                    {this.state.data_admin.id_outlet}</span>
            </div>
        </div>
        <div className="col-12 col-lg-4 my-auto
            mt-3">
            <Link to="/laporan">
                <button className="btn btn-primary
                    mr-3 fw-bold" type="button" ><i
                        class="fas fa-sign-out-alt"></i>
                    Laporan</button>
            </Link>
            <button className="btn
                btn-outline-primary fw-bold" type="button"
                    onClick={() =>
                        this.logout()}>Logout</button>
        </div>
    </>
    ):
        <div className="col-12">
            <div className="col">
                <h2 className="fw-bolder">Admin</h2>
            </div>
            <div className="col">
                <span className="p-4 fw-bold"
                    title="Username"><i className="fas fa-id-card"></i> Admin</span>
                <span className="p-4 fw-bold"
                    title="Role/Level"><i class="fas fa-user-tag"></i> Kasir</span>

```

```

        <span className="p-4 fw-bold"
title="Outlet/Cabang"><i class="fas fa-store"></i> Malang</span>
        </div>
    </div>
    )}
</div>
</>
)
}
}

```

8. Components **Statistic.js**

```
import React from "react";
import axios from "axios";
import { base_url } from "../config";

export default class Statistic extends React.Component{
  constructor(){
    super()
    this.state = {
      token: "",
      found: "",
      data_transaksi: [],
      data_outlet: [],
      data_member: [],
      data_paket: [],
    }
    // dapetin token dari localStorage
    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token")
    } else {
      // token ga ada, redirect ke halaman login
      window.location = "/login"
    }
  }

  getDataTransaksi = () => {
    let url = base_url + "/transaksi"
    axios.get(url,{
      headers:{
        Authorization: "Bearer " + this.state.token
      }
    })
  }
}
```

```

    })
    .then(response => {
      this.setState({
        found: response.data.found
      })
      if(this.state.found){
        let data =
JSON.parse(JSON.stringify(response.data.data_transaksi))
        this.setState({
          data_transaksi: data
        })
      }
    })
    .catch(error => console.log(error))
  }

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

  getDataMember = () => {
    let url = base_url + "/member"
    axios.get(url,{
      headers:{
        Authorization: "Bearer " + this.state.token
      }
    })
  }

```

```

    })
    .then(response => {
      this.setState({
        found: response.data.found
      })
      if(this.state.found){
        let data =
JSON.parse(JSON.stringify(response.data.data_member))
        this.setState({
          data_member: data
        })
      }
    })
    .catch(error => console.log(error))
  }
  getDataPaket = () => {
    let url = base_url + "/paket"
    axios.get(url,{
      headers:{
        Authorization: "Bearer " + this.state.token
      }
    })
    .then(response => {
      this.setState({
        found: response.data.found
      })
      if(this.state.found){
        let data =
JSON.parse(JSON.stringify(response.data.data_paket))
        this.setState({
          data_paket: data
        })
      }
    })
    .catch(error => console.log(error))
  }
  componentDidMount(){
    this.getDataOutlet()
    this.getDataMember()
    this.getDataPaket()
    this.getDataTransaksi()
  }

```

```

render(){
    // fungsi untuk menampilkan card secara dinamis
    function Card(props){
        return(
            <div className={`card bg-${props.bg} text-white
text-center p-3 make-it-glass`}>
                <blockquote class="blockquote mb-0">
                    <i class={`fas ${props.icon}`}></i>
                    <h4 className="fw-bold">{props.title}</h4>
                    <h3 className="fw-bold">{props.count}</h3>
                </blockquote>
            </div>
        )
    }
    return(
        <>
            <div className="row my-4 p-2 make-it-glass">
                <div className="col-6 col-lg py-2">
                    <Card bg="primary" icon="fa-shopping-cart"
title="Transaksi" count={this.state.data_transaksi.length}/>
                </div>
                <div className="col-6 col-lg py-2">
                    <Card bg="primary" icon="fa-store"
title="Outlet" count={this.state.data_outlet.length}/>
                </div>
                <div className="col-6 col-lg py-2">
                    <Card bg="primary" icon="fa-users"
title="Member" count={this.state.data_member.length}/>
                </div>
                <div className="col-6 col-lg py-2">
                    <Card bg="primary" icon="fa-cubes"
title="Paket" count={this.state.data_paket.length}/>
                </div>
            </div>
        </>
    )
}
}

```

VII. Pages

1. Pages Dashboard.js

```

import React from "react";

import Header from '../components/Header'
import Statistic from '../components/Statistic'
import Member from "../components/CRUD_member"
import Outlet from "../components/CRUD_outlet"
import Paket from "../components/CRUD_paket"
import Transaksi from "../components/CRUD_transaksi"
import User from "../components/CRUD_user"
import GenerateLaporan from "../components/GenerateLaporan";
// import Generate_Laporan from '../components/Generate_Laporan'

export default class Dashboard extends React.Component{
  render(){
    return(
      <>
        <div className="container pt-5">
          <Header kind="admin"/>
          <Statistic/>
          { /* START-TABS */ }
          <div class="row">
            <div className="col-12 col-md-2">
              <div class="nav nav-pills mb-3 px-2">
                <a class="nav-link active"
id="v-pills-transaksi-tab" data-toggle="pill" href="#v-pills-transaksi"
role="tab" aria-controls="v-pills-transaksi"
aria-selected="true">Transaksi</a>
                <a class="nav-link"
id="v-pills-member-tab" data-toggle="pill" href="#v-pills-member"
role="tab" aria-controls="v-pills-member"
aria-selected="false">Member</a>
                <a class="nav-link"
id="v-pills-outlet-tab" data-toggle="pill" href="#v-pills-outlet"
role="tab" aria-controls="v-pills-outlet"
aria-selected="false">Outlet</a>
                <a class="nav-link"
id="v-pills-paket-tab" data-toggle="pill" href="#v-pills-paket"
role="tab" aria-controls="v-pills-paket"
aria-selected="false">Paket</a>
                <a class="nav-link"
id="v-pills-admin-tab" data-toggle="pill" href="#v-pills-admin"

```



```

role="tab"                                aria-controls="v-pills-admin"
aria-selected="false">Admin</a>
                                <a class="nav-link"
id="v-pills-laporan-tab" data-toggle="pill" href="#v-pills-laporan"
role="tab"                                aria-controls="v-pills-laporan"
aria-selected="false">Laporan</a>
                                </div>
                                </div>
                                <div className="col-12 col-md-10">
                                    <div class="tab-content "
id="v-pills-tabContent">
                                        <div class="tab-pane fade show active"
id="v-pills-transaksi" role="tabpanel"
aria-labelledby="v-pills-transaksi-tab">
                                            <Transaksi/>
                                        </div>
                                        <div class="tab-pane fade"
id="v-pills-member" role="tabpanel"
aria-labelledby="v-pills-member-tab">
                                            <Member kasir=""/>
                                        </div>
                                        <div class="tab-pane fade"
id="v-pills-outlet" role="tabpanel"
aria-labelledby="v-pills-outlet-tab">
                                            <Outlet/>
                                        </div>
                                        <div class="tab-pane fade"
id="v-pills-paket" role="tabpanel" aria-labelledby="v-pills-paket-tab">
                                            <Paket/>
                                        </div>
                                        <div class="tab-pane fade"
id="v-pills-admin" role="tabpanel" aria-labelledby="v-pills-admin-tab">
                                            <User/>
                                        </div>
                                        <div class="tab-pane fade"
id="v-pills-laporan" role="tabpanel"
aria-labelledby="v-pills-laporan-tab">
                                            <GenerateLaporan/>
                                        </div>
                                    </div>
                                </div>
                            </div>
                        </div>

```

```

        { /* END-TABS */ }
      </div>
    </>
  )
}
}

```

2. Pages Laporan.js

```

import React from "react";
import Laporan from "../components/GenerateLaporan";

export default class GenerateLaporan extends React.Component {
  render() {
    return (
      <>
        <Laporan/>
      </>
    )
  }
}

```

3. Pages Login.js

```

import React from "react";
import axios from 'axios';
import { base_url } from "../config";

export default class Login extends React.Component {
  constructor() {
    super()
    this.state = {
      username: "",
      password: "",
      role: "admin",
      message: "",
      isLoggedIn: false
    }
  }

  Login = event => {

    event.preventDefault()
  }
}

```

```

    let sendData = {
      username: this.state.username,
      password: this.state.password,
      role: this.state.role
    }

    const url = base_url + "/auth"

    axios.post(url, sendData)
      .then(response => {
        this.setState({
          isLoggedIn: response.data.isLoggedIn
        })
        if(this.state.isLoggedIn){
          let admin = response.data.data
          let token = response.data.token
          localStorage.setItem("data_admin",
JSON.stringify(admin))
          localStorage.setItem("token", token)
          window.location = '/'
        } else {
          this.setState({
            message: response.data.message
          })
          alert(this.state.message)
        }
      })
      .catch(error => alert(error))
  }

  render(){
    return(
      <>
        <div className="container">
          <form onSubmit={ev => this.Login(ev)}>
            <div className="form-group">
              <label>Username</label>
              <input type="text" className="form-control"
                value={ this.state.username } onChange={ ev =>
this.setState({ username: ev.target.value }) }/>
            </div>
            <div className="form-group">

```

```

        <label>Password</label>
        <input type="password" className="form-control"
            value={ this.state.password } onChange={ ev =>
this.setState({ password: ev.target.value }) }/>
    </div>
    <div className="form-group">
        <label>Role</label>
        <select className="form-control"
            value={ this.state.role } onChange={ ev =>
this.setState({ role: ev.target.value }) }>
            <option value="admin">Admin</option>
            <option value="kasir">Kasir</option>
            <option value="owner">Owner</option>
        </select>
    </div>
    <button type="submit" className="btn btn-primary">Login</button>
    </form>
  </div>
</>
)
}
}

```