

## Update Proses Transaksi

#update backend bagian transaksi.js :

```
//kita tampung nilai status
let data = {
  status: request.body.status
}
//tampung parameter
let parameter = {
  id_transaksi: request.params.id_transaksi
}
transaksi.update(data, {where: parameter})
.then(result => {
  return response.json({
    message: `Data status berhasil diubah`
  })
})
.catch(error => {
  return response.json({
    message: error.message
  })
})
})
```

#Setelah itu proses update bagian frontend, sebagai berikut

#tambahan instalasi library :

- npm install moment
- npm install dom-to-pdf

#tambahan script pada file config.js :

```
const base_url = "http://localhost:8000/laundry/api"
const paket_image_url = "http://localhost:8000/paket_image"

//tambahan script
const formatNumber = (num) => {
  return parseFloat(num).toFixed(0).toString().replace(/(\d)(?=(\d{3})+(?!\d))/g,
    '$1.')
}

export {
  base_url,
  paket_image_url,
  // tambahan
  formatNumber
}
```

#update file Transaksi.js

```
import React from "react";
import axios from "axios";
```

```

import moment from "moment";
import { base_url, formatNumber } from "../../config";
import { Link } from "react-router-dom";
import Navbar from "../../component/Navbar";
import domToPdf from "dom-to-pdf";
import * as FaIcons from "react-icons/fa"

class Transaksi extends React.Component {
  constructor() {
    super();
    this.state = {
      transaksi: [],
      role: "",
      visible: true,
    };

    if (localStorage.getItem("token")) {
      this.state.token = localStorage.getItem("token");
      this.state.role = JSON.parse(localStorage.getItem("user")).role;
    } else {
      window.location = "/login";
    }
  }

  headerConfig = () => {
    let header = {
      headers: { Authorization: `Bearer ${this.state.token}` }
    }
    return header
  }

  getData() {
    let endpoint = base_url + "/transaksi";
    axios
      .get(endpoint, this.headerConfig())
      .then((response) => {
        let dataTransaksi = response.data;
        for (let i = 0; i < dataTransaksi.length; i++) {
          let total = 0;
          for (let j = 0; j < dataTransaksi[i].detail_transaksi.length; j++) {
            let harga = dataTransaksi[i].detail_transaksi[j].paket.harga;
            let qty = dataTransaksi[i].detail_transaksi[j].qty;

            total += harga * qty;
          }

          dataTransaksi[i].total = total;
        }
      })
  }
}

```

```

        this.setState({ transaksi: dataTransaksi });
    })
    .catch((error) => console.log(error));
}

hapusTransaksi(id_transaksi) {
    if (window.confirm("Apakah anda yakin menghapus data ini?")) {
        let endpoint = `${base_url}/transaksi/${id_transaksi}`;

        axios
            .delete(endpoint, this.headerConfig())
            .then((response) => {
                window.alert(response.data.message);
                this.getData();
            })
            .catch((error) => console.log(error));
    }
}

convertStatus(id_transaksi, status, dibayar){
    if(status === 1 && dibayar === 0) {
        return(
            <>
            <div className="badge bg-info">
                Transaksi Baru
                <FaIcons.FaAngleDoubleRight onClick={() =>
this.changeStatus(id_transaksi, 2)} />
            </div>
            <div className="badge bg-danger">
                Belum dibayar
            </div>
            </>
        )
    } else if(status === 2 && dibayar === 0){
        return(
            <>
            <div className="badge bg-warning">
                Sedang diproses
                <FaIcons.FaAngleDoubleRight onClick={() =>
this.changeStatus(id_transaksi, 3)} />
            </div>
            <div className="badge bg-danger">
                Belum dibayar
            </div>
            </>
        )
    } else if(status === 3 && dibayar === 0){
        return(

```

```

        <>
        <div className="badge bg-secondary">
            Siap diambil
            <FaIcons.FaAngleDoubleRight onClick={() =>
this.changeStatus(id_transaksi, 4)} />
        </div>
        <div className="badge bg-danger">
            Belum dibayar
        </div>
    </>
)
} else if(status === 4 || dibayar === 1){
    return(
        <>
        <div className="badge bg-success">Telah diambil</div>
        <div className="badge bg-success">
            Sudah dibayar
        </div>
        </>
    )
}
}

changeStatus(id, status) {
    if (window.confirm(`Apakah anda yakin mengubah status data ini ?`)) {
        let endpoint = `${base_url}/transaksi/status/${id}`;
        let data = {
            status: status,
        };
        axios
            .post(endpoint, data, this.headerConfig())
            .then((response) => {
                window.alert(`Status transaksi telah diubah`);
                this.getData();
            })
            .catch((error) => console.log(error));
    }
}

convertPdf() {
    //ambil elemen yang akan di convert
    let element = document.getElementById(`topdf`);
    let options = {
        filename: "laporan.pdf",
    };
    domToPdf(element, options, () => {
        window.alert("File akan segera di Download");
    });
}

```

```

}
componentDidMount() {
  this.getData();
}

render() {
  const target = React.createRef();
  const target2 = React.createRef();
  const optionPdf = {
    orientation: `landscape`,
    unit: `cm`,
    format: [21, 29.7],
  };
  return (
    <>
      <Navbar role={this.state.role} />
      <div className="transaction-pages">
        <div className="main-content">
          <div className="container">
            <div className="title-section row">
              <div className="col-lg-5">
                <h2>
                  Selamat datang <br />
                  di <span>halaman transaksi</span>
                </h2>
                <h6 className="mt-3">
                  Gulir ke bawah untuk melihat data transaksi
                </h6>
                <div className="btn-add mt-4">
                  <Link style={{textDecoration:"none"}} to="/formTransaksi"
                    className="text-white btn btn-primary mx-3 ">
                    Tambah Transaksi
                  </Link>

                  <button
                    className="btn btn-success"
                    onClick={() => this.convertPdf()}
                  >
                    Generate PDF
                  </button>
                </div>
              </div>
              <div className="col-lg-3"></div>
            </div>
            <div className="main-data">
              <div ref={target} id="topdf" className="container">

```

```

</h3>
    Data <br /> Transaksi
</h3>
<ul className="list-group">
    {this.state.transaksi.map((trans) => (
        <li className="list-group-item mt-3 card">
            <div className="row">
                {/* Member Area */}
                <div className="col-lg-1 px-0">
                    <small>
                        <b>{moment(trans.tgl).format("L")}</b>
                    </small>
                </div>
                <div className="col-lg-3 px-4">
                    <small>{trans.member.nama_member}</small> <br />
                    <small className="text-secondary">
                        {trans.member.alamat}
                    </small>
                </div>
                <div className="col-lg-2">
                    <h6 className="text-secondary">Batas Waktu</h6>
                    <small>{moment(trans.batas_waktu).format("L")}</small>
                </div>
                <div className="col-lg-2">
                    <h6 className="text-secondary">Tanggal Bayar</h6>
                    <small>{moment(trans.tgl_bayar).format("L")}</small>
                </div>
                <div className="col-lg-2">
                    {this.convertStatus(trans.id_transaksi, trans.status,
trans.dibayar)}

                    {" "}
                </div>
                <div className="col-lg-2">
                    <b className="text-secondary">Total : </b>
                    <small> Rp {formatNumber(trans.total)}</small> <br />
                    <button
                        className="btn btn-danger mt-2 btn-sm mx-2 me-md-2 "
                    >
                        <FaIcons.FaTrashAlt onClick={() =>
this.hapusTransaksi(trans.id_transaksi)} />
                    </button>
                </div>
            </div>

            {/* Detail Transaksi */}
            <h6 className="text-primary mt-3">Detail Transaksi</h6>
            {trans.detail_transaksi.map((detail) => (
                <div className="row">
                    {/* Jenis Paket */}

```

```

        <div className="col-lg-3">
            {detail.paket.jenis_paket}
        </div>
        { /* Quantiti */ }
        <div className="col-lg-2">{detail.qty}</div>
        { /* Harga Paket */ }
        <div className="col-lg-3">
            Rp {formatNumber(detail.paket.harga)}
        </div>
        { /* Total */ }
        <div className="col-lg-4">
            Rp {formatNumber(detail.paket.harga * detail.qty)}
        </div>
    </div>
    )})
</li>
    )})
</ul>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
);
}
}

export default Transaksi;

```

**#buat file baru 'FormTransaksi.js', lalu tuliskan script berikut**

```

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

class FormTransaksi extends React.Component {
  constructor() {
    super();
    this.state = {
      id_member: "",
      tgl: "",
      batas_waktu: "",
      tgl_bayar: "",
      dibayar: false,
      id_user: "",
      detail_transaksi: [],
    }
  }
}

```

```

        members: [],
        packs: [],
        id_paket: "",
        qty: 0,
        jenis_paket: "",
        harga: 0,
    };
    if (localStorage.getItem("token")) {
        this.state.token = localStorage.getItem("token");
        this.state.role = JSON.parse(localStorage.getItem("user")).role;
    } else {
        window.location = "/login";
    }
}

headerConfig = () => {
    let header = {
        headers: { Authorization: `Bearer ${this.state.token}` }
    }
    return header
}

getMember() {
    let endpoint = base_url + "/member";
    axios
        .get(endpoint, this.headerConfig())
        .then((response) => {
            this.setState({ members: response.data });
        })
        .catch((error) => console.log(error));
}

getPaket() {
    let endpoint = base_url + "/paket";
    axios
        .get(endpoint, this.headerConfig())
        .then((response) => {
            this.setState({ packs: response.data });
        })
        .catch((error) => console.log(error));
}

addPaket() {
    $("#modal-paket").modal("show");
    // this.modal = new Modal(document.getElementById("modal-paket"));
    // this.modal.show();

    this.setState({

```



```

        id_paket: "",
        jenis_paket: "",
        harga: 0,
        qty: 0,
    });
}

tambahPaket(ev) {
    ev.preventDefault();
    $("#modal-paket").modal("hide");
    let idPaket = this.state.id_paket;
    let selectedPaket = this.state.packs.find(
        (paket) => paket.id_paket == idPaket
    );
    let data = {
        id_paket: this.state.id_paket,
        qty: this.state.qty,
        jenis_paket: selectedPaket.jenis_paket,
        harga: selectedPaket.harga,
    };
    let temp = this.state.detail_transaksi;
    temp.push(data);
    this.setState({ detail_transaksi: temp });
}

hapusData(id_paket) {
    if (window.confirm("Apakah anda yakin menghapus data ini?")) {
        //mencari posisi index dari data yang dihapus
        let temp = this.state.detail_transaksi;
        let index = temp.findIndex((detail) => detail.id_paket === id_paket);

        temp.splice(index, 1);

        this.setState({ detail_transaksi: temp });
    }
}

simpanTransaksi() {
    let endpoint = base_url + "/transaksi";
    let userLoggedInId = JSON.parse(localStorage.getItem("user"));
    //Menampung data
    let newData = {
        id_transaksi: this.state.id_transaksi,
        tgl: this.state.tgl,
        batas_waktu: this.state.batas_waktu,
        tgl_bayar: this.state.tgl_bayar,
        id_member: this.state.id_member,
        id_user: userLoggedInId.id_user,
    };

```

```

        status: this.state.status,
        dibayar: this.state.dibayar,
        detail_transaksi: this.state.detail_transaksi,
    };
    axios
        .post(endpoint, newData, this.headerConfig())
        .then((response) => {
            window.alert(response.data.message);
            window.location.href = "/transaksi";
            this.getData();
        })
        .catch((error) => console.log(error));
    }

    componentDidMount() {
        this.getMember();
        this.getPaket();
    }

    render() {
        return (
            <div className="main-content">
                <div className="card p-3">
                    <div className="card-header bg-primary">
                        <h4 className="text-white">Form Transaksi</h4>
                    </div>
                    <div className="card-body">
                        { /* <form> */ }
                        <div className="form-group">
                            <label>ID Member</label>
                            <select
                                className="form-control mb-2"
                                value={this.state.id_member}
                                onChange={(ev) => this.setState({ id_member: ev.target.value })}
                            >
                                <option value="">Pilih Member</option>
                                {this.state.members.map((member) => (
                                    <option value={member.id_member}>{member.nama_member}</option>
                                ))}
                            </select>
                        </div>
                        <div className="form-group">
                            <label>Tanggal Transaksi</label>
                            <input
                                type="date"
                                className="form-control mb-2"
                                value={this.state.tgl}
                                onChange={(ev) => this.setState({ tgl: ev.target.value })}
                            />
                        </div>
                    </div>
                </div>
            </div>
        );
    }

```

```

        ></input>
    </div>
    <div className="form-group">
        <label>Batas Waktu</label>
        <input
            type="date"
            className="form-control mb-2"
            value={this.state.batas_waktu}
            onChange={(ev) =>
                this.setState({ batas_waktu: ev.target.value })
            }
        ></input>
    </div>
    {/* <div className="form-group">
        <label>Tanggal Bayar</label>
        <input
            type="date"
            className="form-control mb-2"
            value={this.state.tgl_bayar}
            onChange={(ev) => this.setState({ tgl_bayar: ev.target.value })}
        ></input>
    </div> */}
    <div className="form-group">
        <label>Status Bayar</label>
        <select
            className="form-control mb-2"
            value={this.state.dibayar}
            onChange={(ev) => this.setState({ dibayar: ev.target.value })}
        >
            <option value={false}>Belum Dibayar</option>
            <option value={true}>Sudah Dibayar</option>
        </select>
    </div>
    <div className="mt-4">
        <button
            className="btn btn-info btn-sm text-white"
            onClick={() => this.addPaket()}
        >
            Tambah Paket
        </button>
    </div>
    {/* Detail Transaksi */}
    <h5 className="teks-primary mt-4">Detail Transaksi</h5>
    {this.state.detail_transaksi.map((detail) => (
        <div className="row mb-4">
            {/* Jenis Paket */}
            <div className="col-lg-3">
                <h6>Jenis Paket</h6>
            </div>
        </div>
    )
    )}

```

```

        {detail.jenis_paket}
      </div>
      {/ * Quantiti */}
      <div className="col-lg-2">
        <h6>Quantity</h6>
        {detail.qty}
      </div>
      {/ * Harga Paket */}
      <div className="col-lg-3">
        <h6>Harga</h6>
        Rp. {detail.harga}
      </div>
      {/ * Total */}
      <div className="col-lg-2">
        <h6>Total Harga</h6>
        {detail.harga * detail.qty}
      </div>
      <div className="col-lg-2">
        <h6>Aksi</h6>
        <button
          type="button"
          className="btn btn-danger"
          onClick={() => this.hapusData(detail.id_paket)}
        >
          Hapus
        </button>
      </div>
    </div>
  )}}

  {/ * Modal Pilihan Paket */}
  <div className="modal" id="modal-paket">
    <div className="modal-dialog modal-md">
      <div className="modal-content">
        <div className="modal-header bg-primary text-white">
          <h4 className="modal-title text-white">Pilih Paket</h4>
        </div>
        <div className="modal-body">
          <form onSubmit={(ev) => this.tambahPaket(ev)}>
            <div className="form-group">
              <label>Jenis Paket</label>
              <select
                className="form-control mb-2"
                value={this.state.id_paket}
                onChange={(ev) =>
                  this.setState({ id_paket: ev.target.value })
                }
              >

```

```

        <option value="">Pilih Paket</option>
        {this.state.packs.map((pack) => (
          <option value={pack.id_paket}>
            {pack.jenis_paket}
          </option>
        ))}
      </select>
    </div>
    <div className="form-group">
      <label>Quantity</label>
      <input
        type="number"
        className="form-control"
        value={this.state.qty}
        onChange={(ev) =>
          this.setState({ qty: ev.target.value })
        }
      ></input>
    </div>
    <div className="d-grid gap-2 d-md-flex justify-content-md-end
mt-5">
      <button
        type="submit"
        className="btn btn-primary btn-sm"
      >
        Simpan
      </button>
    </div>
  </form>
</div>
</div>
</div>
</div>
<div className="d-grid gap-2 d-md-flex justify-content-md-end mt-5">
  <a className="btn btn-danger btn-md mx-2" href="/transaksi">
    Batal
  </a>
  <button
    className="btn btn-primary btn-md"
    onClick={() => this.simpanTransaksi()}
  >
    Tambahkan
  </button>
</div>
{ /* </form> */ }
</div>
</div>
</div>

```

```
    );  
  }  
}  
  
export default FormTransaksi;
```

→ lalu import file ini pada App.js

```
import FormTransaksi from "../pages/transaksi/FormTransaksi";  
  
<Route path="/formTransaksi" component={FormTransaksi} />
```