

LAPORAN UTS
PEMROGRAMAN BERBASIS FRAMEWORK

Pertemuan Minggu-8



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PROGRAM STUDI TEKNIK INFORMATIKA
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Buatlah sebuah situs jual beli online (online shop) sederhana, dengan menerapkan konsep SPA (Single Page Application) React Router sesuai dengan ketentuan yang ada di soal.

Langkah Pengerjaan

Langkah	Keterangan
1	<p>Setelah kita sukses melakukan instalasi react (npm install), kita perlu menambahkan library react router dengan menambahkan npm install react-router-dom.</p> <pre> PS C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts> npx create-react-app setrika-shop Creating a new React app in C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop. Installing packages. This might take a couple of minutes. Installing react, react-dom, and react-scripts with cra-template... > core-js@2.6.12 postinstall C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop\node_modules\babel-runtime\node_modules\core-js > node -e "try{require('./postinstall')}catch(e){}" > core-js@3.10.0 postinstall C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop\node_modules\core-js > node -e "try{require('./postinstall')}catch(e){}" > core-js-pure@3.10.0 postinstall C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop\node_modules\core-js-pure > node -e "try{require('./postinstall')}catch(e){}" > ejs@2.7.4 postinstall C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop\node_modules\ejs > node ./postinstall.js + cra-template@1.1.2 + react-scripts@4.0.3 + react@17.0.2 + react-dom@17.0.2 added 1923 packages from 732 contributors and audited 1926 packages in 999.471s PS C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts> cd .\setrika-shop\ PS C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop> npm install react-router-dom npm WARN @babel/plugin-bugfix-v8-spread-parameters-in-optional-chaining@7.13.12 requires a peer of @babel/core@^7.13.0 but none is installed. You must install peer dependencies yourself. npm WARN tsutils@3.21.0 requires a peer of typescript@>=2.8.0 >= 3.2.0-dev >= 3.3.0-dev >= 3.4.0-dev >= 3.5.0-dev >= 3.6.0-dev >= 3.6.0-beta >= 3.7.0-dev >= 3.7.0-beta but none is installed. You must install peer dependencies yourself. npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@2.3.2 (node_modules\fsevents): npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@2.3.2: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x64 "}) npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\watchpack-chokidar2\node_modules\fsevents): npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x6 4"}) npm WARN optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.13 (node_modules\webpack-dev-server\node_modules\fsevents): npm WARN notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.13: wanted {"os":"darwin","arch":"any"} (current: {"os":"win32","arch":"x6 4"}) + react-router-dom@5.2.0 updated 1 package and audited 1965 packages in 25.425s 135 packages are looking for funding run `npm fund` for details found 0 vulnerabilities PS C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop> </pre>
2	Kemudian Buat folder baru bernama “Setrika” di dalam folder container dan component .
3	<p>Buat file SetrikaPost.js , Setrika.css , dan KeranjangPost.js di dalam folder “container” pada folder container.</p> 

Kemudian buka **SetrikaPost.js** dan ketikkan code seperti gambar dibawah ini.

```
setrika-shop > src > container > Setrika > JS SetrikaPost.js > ...
1  import React, { Component } from "react";
2  import './Setrika.css';
3  import Post from "../../component/Setrika/Setrika";
4
5  class SetrikaPost extends Component {
6      state = {                //Komponen state dari react untuk statefull Component
7          listSetrika: []      //variable array yang digunakan untuk menyimpan data API
8      }
9
10     ambilDataDariServerAPI = () => {
11         fetch('http://localhost:3001/setrika') // alamat URL API yang ingin diambil datanya
12         .then(response => response.json()) // ubah response data dari URL API menjadi sebuah data json
13         .then(jsonHasilAmbilDariAPI => { // data json hasil ambil dari API dimasukkan ke listMahasiswa
14             this.setState({
15                 listSetrika: jsonHasilAmbilDariAPI
16             })
17         })
18     }
19
20     componentDidMount() {
21         this.ambilDataDariServerAPI()
22     }
23
24     handleGetSetrika = data => {
25         fetch(`http://localhost:3001/setrika/${data}`, { method: "GET" })
26         .then(response => response.json())
27         .then(res => {
28             // this.handleUpdatelist(data, res);
29             var dataSetrika = { ...this.state.insertKeranjang };
30             dataSetrika["id"] = res["id"];
31             dataSetrika["gambar"] = res["gambar"];
32             dataSetrika["nama"] = res["nama"];
33             dataSetrika["harga"] = res["harga"];
34             dataSetrika["stok"] = res["stok"];
35             dataSetrika["qty"] = 1;
36             this.setState({
37                 insertKeranjang: dataSetrika
38             });
39         })
40         .then(() => {
41             this.handleCekKeranjang(data);
42         })
43         .then(() => {
44             this.handleTombolSimpan();
45         });
46     };
47
48     handleCekKeranjang = data => {
49         fetch(`http://localhost:3002/keranjang/${data}`, { method: "GET" }).then(
50             response => {
51                 if (response.ok) {
52                     response.json().then(res => {
53                         this.handleUpdateKeranjang(data, res);
54                         this.ambilDataDariServerAPI();
55                     });
56                 } else {
57                     this.handleTombolSimpan();
58                 }
59             }
60         );
61     };
62
63     handleUpdateKeranjang = (data, res) => {
64         fetch(`http://localhost:3002/keranjang/${data}`, {
65             method: "PUT",
66             headers: {
67                 Accept: "application/json",
68                 "Content-Type": "application/json"
```


```

69     },
70     body: JSON.stringify({
71       id: res["id"],
72       gambar: res["gambar"],
73       nama: res["nama"],
74       harga: res["harga"],
75       stok: res["stok"],
76       qty: res["qty"] + 1
77     })
78   });
79 };
80
81 handleTombolSimpan = () => {
82   fetch('http://localhost:3002/keranjang', {
83     method: 'post',
84     headers: {
85       'Accept': 'application/json',
86       'Content-Type': 'application/json'
87     },
88     body: JSON.stringify(this.state.insertKeranjang)
89   })
90   .then((Response) => {
91     this.ambilDataDariServerAPI(); // Kirimkan ke body request untuk data kulkas yang akan dita
92   });
93 }
94
95 render() {
96   return (
97     <div className="post-setrika">
98       <div style={{ backgroundColor: '#20B2AA' }}>
99         <br></br>
100         <center><h2>Daftar Setrika</h2></center>
101         <hr></hr><hr></hr>
102       </div>
103       <div className="tgh">
104         {
105           this.state.listSetrika.map(setrika => {
106             return (
107               <Post
108                 key={setrika.id}
109                 id={setrika.id}
110                 gambar={setrika.gambar}
111                 nama={setrika.nama}
112                 harga={setrika.harga}
113                 stok={setrika.stok}
114                 tambahSetrika={this.handleGetSetrika} />
115             )
116           })
117         }
118       </div>
119     </div>
120   )
121 }
122 }
123
124 export default SetrikaPost;

```

5

Ketikkan kode pada **Sertika.css** pada gambar berikut

setrika-shop > src > container > Setrika > # Setrika.css >  .gambar-setrika img

```
1  .tgh {
2    width: 1297px;
3    margin: 0 auto;
4    margin-bottom: 10px;
5  }
6
7  .post-setrika {
8    background-color: #e8e8e8;
9  }
10
11 .setrika {
12   width: 600px;
13   padding: 15px;
14   border: 1px solid blue;
15   border-radius: 6px;
16   margin-bottom: 10px;
17   margin-right: 10px;
18   margin-left: 30px;
19   box-shadow: 0 0 16px rgba(0, 0, 0, 0.5);
20   display: inline-block;
21 }
22
23 .gambar-setrika {
24   height: 80px;
25   width: 80px;
26   margin-right: 20px;
27   float: left;
28 }
29
30 .gambar-setrika img {
31   width: 100%;
32   height: 100%;
33   object-fit: cover;
34 }
35
36 .konten-setrika {
37   float: left;
38   width: 100%;
39 }
40
41 .konten-setrika div.judul-setrika {
42   font-size: 20px;
43   font-weight: bold;
44   margin-bottom: 10px;
45 }
46
47 .konten-setrika .isi-setrika {
48   font-size: 16px;
49   margin-right: 20px;
50   width: 100%;
51 }
52
```

6	<p>Tahapan selanjutnya adalah perbaikan tampilan sebuah website untuk mempercantik halaman website tersebut dengan menggunakan Bootstrap yang umum digunakan. Lakukan Import css bootstrap.min.css (css bootstrap yang sudah dikompresi) ke dalam index.js (seperti Gambar dibawah ini). Jika css tidak ditemukan, install lewat cmd dengan perintah “npm install bootstrap”</p> <pre> setrika-shop > src > JS index.js 1 import React from 'react'; 2 import ReactDOM from 'react-dom'; 3 import "bootstrap/dist/css/bootstrap.min.css"; 4 import './index.css'; 5 import App from './App'; 6 import reportWebVitals from './reportWebVitals'; 7 8 ReactDOM.render(9 <React.StrictMode> 10 <App /> 11 </React.StrictMode>, 12 document.getElementById('root') 13); 14 15 // If you want to start measuring performance in your app, pass a function 16 // to log results (for example: reportWebVitals(console.log)) 17 // or send to an analytics endpoint. Learn more: https://bit.ly/CRA-vitals 18 reportWebVitals(); 19 </pre>
7	<p>Buat data dummy untuk list produk digunakan API untuk mengambil data setrika dari file json yang dibuat yaitu listProduk.json, yang nantinya isi dari file json itu ada ID ,Gambar, Nama, Harga, Stok dan Harga.</p> <pre> setrika-shop > {} listProduk.json > {} setrika > {} 0 1 { 2 "setrika": [3 { 4 "id": 1, 5 "nama": "Miyako EI-1000M BL", 6 "harga": 96000, 7 "gambar": "https://www.miyako.co.id/wp-content/uploads/2020/12/EI-1000.png", 8 "stok": 10 9 }, 10 { 11 "id": 2, 12 "nama": "Krisbow Eds-Gn300", 13 "harga": 314000, 14 "gambar": "https://www.static-src.com/wcsstore/Indraprastha/images/catalog/full//94/MTA-2932177/krisbow_kri 15 "stok": 5 16 }, 17 { 18 "id": 3, 19 "nama": "Maspion HA-110", 20 "harga": 115000, 21 "gambar": "https://www.static-src.com/wcsstore/Indraprastha/images/catalog/full//94/MTA-9445324/maspion_set 22 "stok": 3 23 }, 24] 25 } </pre>

```

24      {
25        "id": 4,
26        "nama": "PHILIPS HD 1172",
27        "harga": 299900,
28        "gambar": "https://d2pa5gi5n2e1an.cloudfront.net/webp/global/images/product/irons-steamers/Philips_HD1172_04",
29        "stok": 2
30      },
31      {
32        "id": 5,
33        "nama": "Tobi Travel Steam",
34        "harga": 75000,
35        "gambar": "https://cdn.ralali.id/assets/img/Libraries/TOBI-Travel-Steamer-Iron-Setrika-Uap-Tobi-As-Seen-On-",
36        "stok": 4
37      },
38      {
39        "id": 6,
40        "nama": "Flextreme Setrika Mini",
41        "harga": 78000,
42        "gambar": "https://www.99.co/blog/indonesia/wp-content/uploads/2019/04/setrika-baju-10.jpg",
43        "stok": 7
44      },
45      {
46        "id": 7,
47        "nama": "Turbo Dry Iron EHL 3018",
48        "harga": 135000,
49        "gambar": "https://static.bmdstatic.com/pk/product/medium/5bea2f62b144a.jpg",
50        "stok": 2
51      },
52      {
53        "id": 8,
54        "nama": "Maspion EX1000",
55        "harga": 80000,
56        "gambar": "https://jualelektronik.com/wp-content/uploads/2017/04/maspion-setrika-listrik-ex1000.jpg",
57        "stok": 2
58      },
59      {
60        "id": 9,
61        "nama": "Philips GC1418",
62        "harga": 250000,
63        "gambar": "https://images.philips.com/is/image/PhilipsConsumer/GC1418_02-RTP-global-001?hei=200&$jpglarge$",
64        "stok": 5
65      },
66      {
67        "id": 10,
68        "nama": "Electrolux EDI 2004",
69        "harga": 180000,
70        "gambar": "https://media.pricebook.co.id/images/product/L/48115_L_1.jpg",
71        "stok": 3
72      }
73    ],
74    "comments": [],
75    "profile": {
76      "name": "typicode"
77    }
78  }

```

8

Ubah kode program **KeranjangPost.js** menjadi seperti Gambar berikut

```

setrika-shop > src > container > Setrika > JS KeranjangPost.js > KeranjangPost > ambilDataDariServerAPI > then() callback
1  import React, { Component } from "react";
2  import './Setrika.css';
3  import PostKeranjang from "../../component/Setrika/Keranjang";
4
5  class KeranjangPost extends Component {
6      state = {
7          listKeranjang: []
8      }
9
10     ambilDataDariServerAPI = () => {
11         fetch('http://localhost:3002/keranjang') // alamat URL API yang ingin diambil datanya
12         .then(response => response.json()) // ubah response data dari URL API menjadi sebuah data json
13         .then(jsonHasilAmbilDariAPI => { // data json hasil ambil dari API dimasukkan ke listMahasiswa
14             this.setState({
15                 listKeranjang: jsonHasilAmbilDariAPI
16             })
17         })
18     }
19
20     componentDidMount() {
21         this.ambilDataDariServerAPI()
22     }
23
24     handleTambahSimpan = () => {
25         fetch('http://localhost:3002/keranjang', {
26             method: 'post',
27             headers: {
28                 'Accept': 'application/json',
29                 'Content-Type': 'application/json'
30             },
31             body: JSON.stringify(this.state.insertKeranjang)
32         })
33         .then((Response) => {
34             this.ambilDataDariServerAPI();
35         });
36     }
37
38     handleHapusKeranjang = (data) => {
39         fetch(`http://localhost:3002/keranjang/${data}`, { method: 'DELETE' }) // Alamat url API yang ingin
40         .then(res => {
41             this.ambilDataDariServerAPI()
42         })
43     }
44
45     render() {
46         var no = 0;

```



```

47     var total = 0;
48     return (
49         <div>
50             <div style={{ backgroundColor: '#20B2AA' }}>
51                 <br></br>
52                 <center><h2>Keranjang</h2></center>
53                 <hr></hr><hr></hr>
54             </div>
55             <div className="container">
56                 <table className="table table-hover" cellpadding="5" width="100%">
57                     <thead>
58                         <tr>
59                             <th scope="col" bgcolor='#66CDAA'>No</th>
60                             <th scope="col" bgcolor='#66CDAA'>ID Produk</th>
61                             <th scope="col" bgcolor='#66CDAA'>Gambar</th>
62                             <th scope="col" bgcolor='#66CDAA'>Nama</th>
63                             <th scope="col" bgcolor='#66CDAA'>Harga</th>
64                             <th scope="col" bgcolor='#66CDAA'>Qty</th>
65                             <th scope="col" bgcolor='#66CDAA'>Subtotal</th>
66                             <th bgcolor='#66CDAA'></th>
67                         </tr>
68                     </thead>
69                     <tbody>
70                         {
71                             this.state.listKeranjang.map(setrika => {
72                                 no += 1;
73                                 total += setrika.harga * setrika.qty
74                                 return (
75                                     <PostKeranjang
76                                         no={no}
77                                         key={setrika.id}
78                                         id={setrika.id}
79                                         gambar={setrika.gambar}
80                                         nama={setrika.nama}
81                                         harga={setrika.harga}
82                                         stok={setrika.stok}
83                                         qty={setrika.qty}
84                                         tambahSetrika={this.handleGetSetrika}
85                                         hapusKeranjang={this.handleHapusKeranjang} />
86                                 )
87                             })
88                         }
89                         <tr>
90                             <td colspan="6" align="right"><b>Total :</b></td>
91                             <td align="center">Rp. {total}</td>
92                         </tr>
93                     </tbody>
94                 </table>
95             </div>
96         </div>
97     )
98 }
99
100
101 export default KeranjangPost;

```

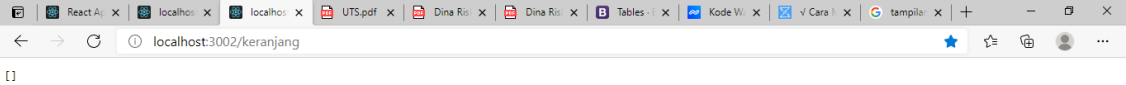

9

Buat file json **listKeranjang.json** berisi list produk yang telah dibeli file list ini digunakan API untuk melakukan proses pembelian produk dengan mengambil data pembeli produk setrika dari file **listProduk.json**. Isi dari file json tersebut seperti gambar berikut yaitu ada ID, gambar, nama, harga, stok, dan qty.

	<pre> setrika-shop > listKeranjang.json > ... 1 { 2 "keranjang": [3 { 4 "id": 1, 5 "gambar": "https://www.miyako.co.id/wp-content/uploads/2020/12/EI-1000.png", 6 "nama": "Miyako EI-1000M BL", 7 "harga": 96000, 8 "stok": 10, 9 "qty": 1 10 }, 11 { 12 "id": 2, 13 "gambar": "https://www.static-src.com/wcsstore/Indraprastha/images/catalog/full//94/MTA-2932177/krisbow", 14 "nama": "Krisbow Eds-Gn300", 15 "harga": 314000, 16 "stok": 5, 17 "qty": 2 18 }, 19 { 20 "id": 5, 21 "gambar": "https://cdn.ralali.id/assets/img/Libraries/TOBI-Travel-Steamer-Iron-Setrika-Uap-Tobi-As-See", 22 "nama": "Tobi Travel Steam", 23 "harga": 75000, 24 "stok": 4, 25 "qty": 1 26 } 27], 28 "comments": [], 29 "profile": { 30 "name": "typicode" 31 } 32 } </pre>
10	<p>Kemudian Buat file Setrika.js dan Keranjang.js di dalam folder “setrika” pada folder component.</p> 
11	<p>Lalu buka Setrika.js dan ketikkan code seperti gambar dibawah ini.</p> <pre> setrika-shop > src > component > Setrika > JS Setrika.js > Setrika 1 import React from "react"; 2 3 const Setrika = (props) => { 4 return (5 <div className="setrika"> 6 <div className="konten-setrika"> 7 <div className="gambar-setrika"></div> 8 <div className="isi-setrika"> 9 ID : {props.id}
 10 Nama : {props.nama}
 11 Harga : Rp. {props.harga}
 12 Stok : {props.stok} 13 </div> 14 <button className="btn btn-sm btn-warning" onClick={props.tambahSetrika.bind(this, props.id)}>Beli</button> 15 </div> 16 </div> 17) 18 } 19 20 export default Setrika; </pre>
12	<p>Ketikkan juga pada file Keranjang.js seperti pada gambar berikut ini</p>

	<pre> setrika-shop > src > component > Setrika > JS Keranjang.js > [default] 1 import React from "react"; 2 import { FaTrashAlt } from 'react-icons/fa'; 3 4 const Keranjang = (props) => { 5 return (6 <tr> 7 <td align="center">{props.no}</td> 8 <td align="center">{props.id}</td> 9 <td align="center"></td> 10 <td align="center">{props.nama}</td> 11 <td align="center">Rp. {props.harga}</td> 12 <td align="center">{props.qty}</td> 13 <td align="center">Rp. {props.harga * props.qty}</td> 14 <td align="center"><button className="btn btn-danger" onClick={() => props.hapusKeranjang(props.id)}><FaTrashAlt /> 15 </button></td> 16 </tr> 17) 18 } 19 20 export default Keranjang; </pre>
13	<p>Install pada direktori project reactjs kita dengan perintah npm install -gjson-server</p>
14	<p>Buka cmd baru padadirektori project, lalu ketik perintah npx json-server --watch listProduk.json --port 3001 .</p>  <pre> OUTPUT TERMINAL DEBUG CONSOLE PROBLEMS Windows PowerShell Try the new cross-platform PowerShell https://aka.ms/pscore6 PS C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop> npx json-server --watch listProduk.json --port 3001 npx: installed 182 in 241.353s \{^_^}/ hi! Loading listProduk.json Done Resources http://localhost:3001/setrika http://localhost:3001/comments http://localhost:3001/profile Home http://localhost:3001 Type s + enter at any time to create a snapshot of the database Watching... GET /setrika 304 23.800 ms - - </pre>
15	<p>Buka cmd baru pada direktori project, lalu ketik perintah npx json-server --watch listKeranjang.json --port 3002 .</p>

	<div><div>OUTPUTTERMINALDEBUG CONSOLEPROBLEMS</div><div>Windows PowerShell</div><div>Try the new cross-platform PowerShell https://aka.ms/pscore6</div><div>PS C:\Users\ASUS\Pemrograman-Framework\minggu8 - uts\setrika-shop> npx json-server --watch listKeranjang.json - -port 3002</div><div>npm: installed 182 in 241.353s</div><div>{^_^}/ hi!</div><div>Loading listKeranjang.json</div><div>Done</div><div>Resources</div><div>http://localhost:3002/keranjang http://localhost:3002/comments http://localhost:3002/profile</div><div>Home</div><div>http://localhost:3002</div><div>Type s + enter at any time to create a snapshot of the database</div><div>Watching...</div><div>GET /keranjang 304 25.009 ms - -</div></div>
16	<p>Kita cek url resource yang ada pada Fake API server ke browser apakah bisa diakses. Ketik url localhost:3001/setrika pada browser.</p> <div><div>React A...localho...localho...UTS.pdf...Dina Ri...Dina Ri...Tables...Kode W...√ Cara...tampil...+--X</div><div>←→↻🔍 localhost:3001/setrika</div><div>[{ "id": 1, "nama": "Miyako EI-1000H BL", "harga": 90000, "gambar": "https://www.miyako.co.id/wp-content/uploads/2020/12/EI-1000.png", "stok": 10 }, { "id": 2, "nama": "Krisbow Eds-Gn300", "harga": 314000, "gambar": "https://www.static-src.com/wcsstore/Indraprastha/images/catalog/full//94/MTA-2932177/krisbow_krisbow-setrika-listrik-eds-gn300---hijau_full05.jpg", "stok": 5 }, { "id": 3, "nama": "Maspion HA-110", "harga": 115000, "gambar": "https://www.static-src.com/wcsstore/Indraprastha/images/catalog/full//94/MTA-9445324/maspion_setrika_maspion_ha-_110_setrika_listrik_garansi_5_tahun_-_abu-abu_full01_bxtogqxy.jpg", "stok": 3 }, { "id": 4, "nama": "PHILIPS HD 1172", "harga": 299000, "gambar": "https://d2pa5gi5n2e1an.cloudfront.net/webp/global/images/product/irons-steamers/Philips_HD1172_00/Philips_HD1172_00_L_1.jpg", "stok": 2 }, { "id": 5, "nama": "Tobi Travel Steam", "harga": 75000, "gambar": "https://cdn.ralali.id/assets/img/Libraries/T0BI-Travel-Steamer-Iron-Setrika-Uap-Tobi-As-Seen-On-TV_Xye8g4P4Hkpak1qU_1574594323.jpg", "stok": 4 }]</div></div>

	<pre> }, { "id": 6, "nama": "Flextreme Setrika Mini", "harga": 78000, "gambar": "https://www.99.co/blog/indonesia/wp-content/uploads/2019/04/setrika-baju-10.jpg", "stok": 7 }, { "id": 7, "nama": "Turbo Dry Iron EHL 3018", "harga": 135000, "gambar": "https://static.bmdstatic.com/pk/product/medium/5bea2f62b144a.jpg", "stok": 2 }, { "id": 8, "nama": "Masplon EX1000", "harga": 80000, "gambar": "https://jualelektronik.com/wp-content/uploads/2017/04/masplon-setrika-listrik-ex1000.jpg", "stok": 2 }, { "id": 9, "nama": "Philips GC1418", "harga": 250000, "gambar": "https://images.philips.com/is/image/PhilipsConsumer/GC1418_02-RTP-global-001?hei=200&\$jpglarges", "stok": 5 }, { "id": 10, "nama": "Electrolux EDI 2004", "harga": 180000, "gambar": "https://media.pricebook.co.id/images/product/L/48115_L_1.jpg", "stok": 3 }] </pre>
17	<p>Kita cek url resource yang ada pada Fake API server ke browser apakah bisa diakses. Ketik url localhost:3002/keranjang pada browser. Gambar berikut masih kosong karena disini kita belum melakukan pembelian produk.</p> 
18	<p>Ubah file App.js seperti gambar berikut ini</p>  <pre> setrika-shop > src > JS App.js > Produk 1 import React from 'react'; 2 import './App.css'; 3 import profile from './img.jpg'; 4 import { 5 BrowserRouter as Router, 6 Switch, 7 Route, 8 Link 9 } from "react-router-dom"; 10 import Setrika from "../container/Setrika/SetrikaPost"; 11 import Keranjang from "../container/Setrika/KeranjangPost"; 12 13 function App() { 14 return (15 <Router> 16 <div> 17 <ul className="menu"> 18 19 <Link to="/">Home</Link> 20 </pre>

```

21 </li>
22 <Link to="/listProduk"><span>List Produk</span></Link>
23 </li>
24 <li>
25 <Link to="/keranjang"><span>Keranjang</span></Link>
26 </li>
27 <li>
28 <Link to="/about"><span>About</span></Link>
29 </li>
30 </ul>
31
32 <Switch>
33 <Route exact path="/">
34 <Home />
35 </Route>
36 <Route path="/listProduk">
37 <Produk />
38 </Route>
39 <Route path="/keranjang">
40 <Keranjang />
41 </Route>
42 <Route path="/about">
43 <About />
44 </Route>
45 </Switch>
46 </div>
47 </Router>
48 );
49 }
50
51 function Home() {
52 return (
53 <div>
54 <div style={{ backgroundColor: '#20B2AA' }}>
55 <br></br>
56 <center><h2>Selamat Datang di Setrika Shop's</h2></center>
57 <hr></hr><hr></hr>
58 </div>
59 <center>
60 <div className="container">
61 <table class="table-bordered" width="55%"><tr>
62 <td>
63 
67 </td>
68 <td>
69 
73 </td>
74 <td>
75 
79 </td>
80 </tr></table>
81 <table class="table-bordered" width="55%"><tr>
82 <td>
83 
87 </td>
88 <td>
89 
93 </td>
94 <td>
95 
99 </td>
100 </tr></table>

```

```

101     </div>
102   </center>
103 </div>
104   );
105 }
106
107 const About = () => {
108   return (
109     <div>
110       <div style={{ backgroundColor: '#20B2AA' }}>
111         <br></br>
112         <center><h2>Biodata</h2></center>
113         <hr></hr><hr></hr>
114       </div>
115       <body>
116         <div className="container">
117           <div class="card kartu">
118             <div class="row">
119               <div class="col-md-4">
120                 <div class="foto">
121                   <img
122                     src={profile}
123                     width="200"
124                     height="auto"
125                     class="img-thumbnail"
126                     alt="profile" />
127                 </div>
128               </div>
129               <div class="col-md-8 kertas-biodata">
130                 <div class="biodata">
131                   <table width="100%" border="0">
132                     <tbody><tr>
133                       <td valign="top">
134                         <table border="0" width="100%">
135                           <tbody class="biodata">
136                             <tr>
137                               <td width="25%" valign="top" class="texttt">Nama</td>
138                               <td width="2%"></td>
139                               <td class="style">Dina Risky Alin Saputri</td>
140                             </tr>
141                             <tr>
142                               <td class="texttt">Jenis Kelamin</td>
143                               <td></td>
144                               <td>Perempuan</td>
145                             </tr>
146                             <tr>
147                               <td class="texttt">Tempat Lahir</td>
148                               <td></td>
149                               <td>Malang</td>
150                             </tr>
151                             <tr>
152                               <td class="texttt">Tanggal Lahir</td>
153                               <td></td>
154                               <td>04/06/2000</td>
155                             </tr>
156                             <tr>
157                               <td class="texttt">Jurusan</td>
158                               <td></td>
159                               <td>Teknologi Informasi</td>
160                             </tr>
161                             <tr>
162                               <td valign="top" class="texttt">Prodi</td>
163                               <td valign="top"></td>
164                               <td>DIV - Teknik Informatika</td>
165                             </tr>
166                           </tbody></table>
167                         </td>
168                       </tr>
169                     </tbody></table>
170                   </div>
171                 </div>
172               </div>
173             </div>
174           </div>
175         </body>
176       </div>
177     );
178   }
179 }

```

```

180 function Produk() {
181   return (
182     <div>
183       <Setrika />
184     </div>
185   )
186 }
187
188 function Keranjang() {
189   return (
190     <div>
191       <Keranjang />
192     </div>
193   )
194 }
195
196 export default App;
197

```

Menambahkan beberapa css pada file App.css

```

setrika-shop > src > # App.css > .kartu
1  √ .App {
2    text-align: center;
3  }
4
5  √ .App-logo {
6    height: 40vmin;
7    pointer-events: none;
8  }
9
10 √ @media (prefers-reduced-motion: no-preference) {
11   √ .App-logo {
12     animation: App-logo-spin infinite 20s linear;
13   }
14 }
15
16 √ .App-header {
17   background-color: #0f5d5a;
18   min-height: 100vh;
19   display: flex;
20   flex-direction: column;
21   align-items: center;
22   justify-content: center;
23   font-size: calc(10px + 2vmin);
24   color: white;
25 }
26
27 √ .App-link {
28   color: #61dafb;
29 }
30
31 √ @keyframes App-logo-spin {
32   √ from {
33     transform: rotate(0deg);
34   }
35   √ to {
36     transform: rotate(360deg);
37   }
38 }
39
40 √ .menu {
41   list-style-type: none;
42   margin: 0;
43   padding: 0;
44   overflow: hidden;
45   background-color: rgb(26, 128, 127);
46 }
47
48 √ .menu li {
49   float: left;
50 }

```



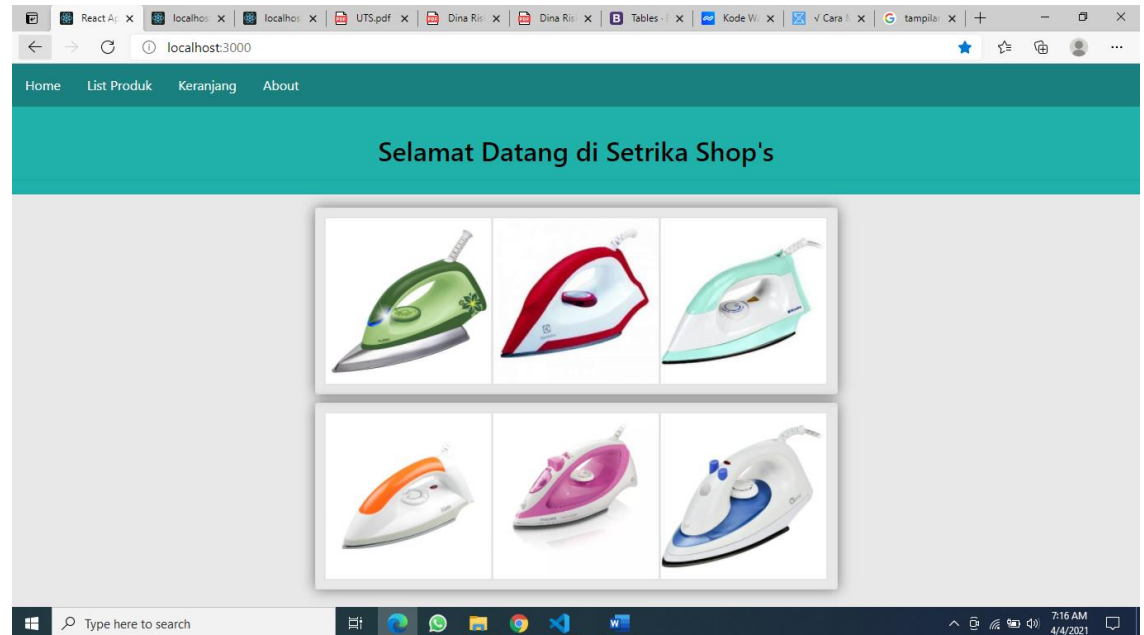
```

51 .menu li a {
52   display: block;
53   color: white;
54   text-align: center;
55   padding: 14px 16px;
56   text-decoration: none;
57   transition: 1s;
58 }
59
60 .menu li a:hover {
61   background-color: #ffff;
62   color: black;
63 }
64
65 .btn.btn-sm.btn-warning {
66   border: none;
67   background: #007bff;
68   padding: 10px;
69   width: 25%;
70   margin-top: 20px;
71   float: right;
72   cursor: pointer;
73   color: #fff;
74   position: relative;
75   transition: 1s;
76 }
77

```

Jalankan dengan menggunakan syntax *npm start* pada project yang telah dibuat. Maka hasil dari situs jual beli online (**online shop**) dari produk setrika yang sudah saya buat :

Menu Home













Menu List Produk

React App | localhost:3000/listProduk

Home List Produk Keranjang About

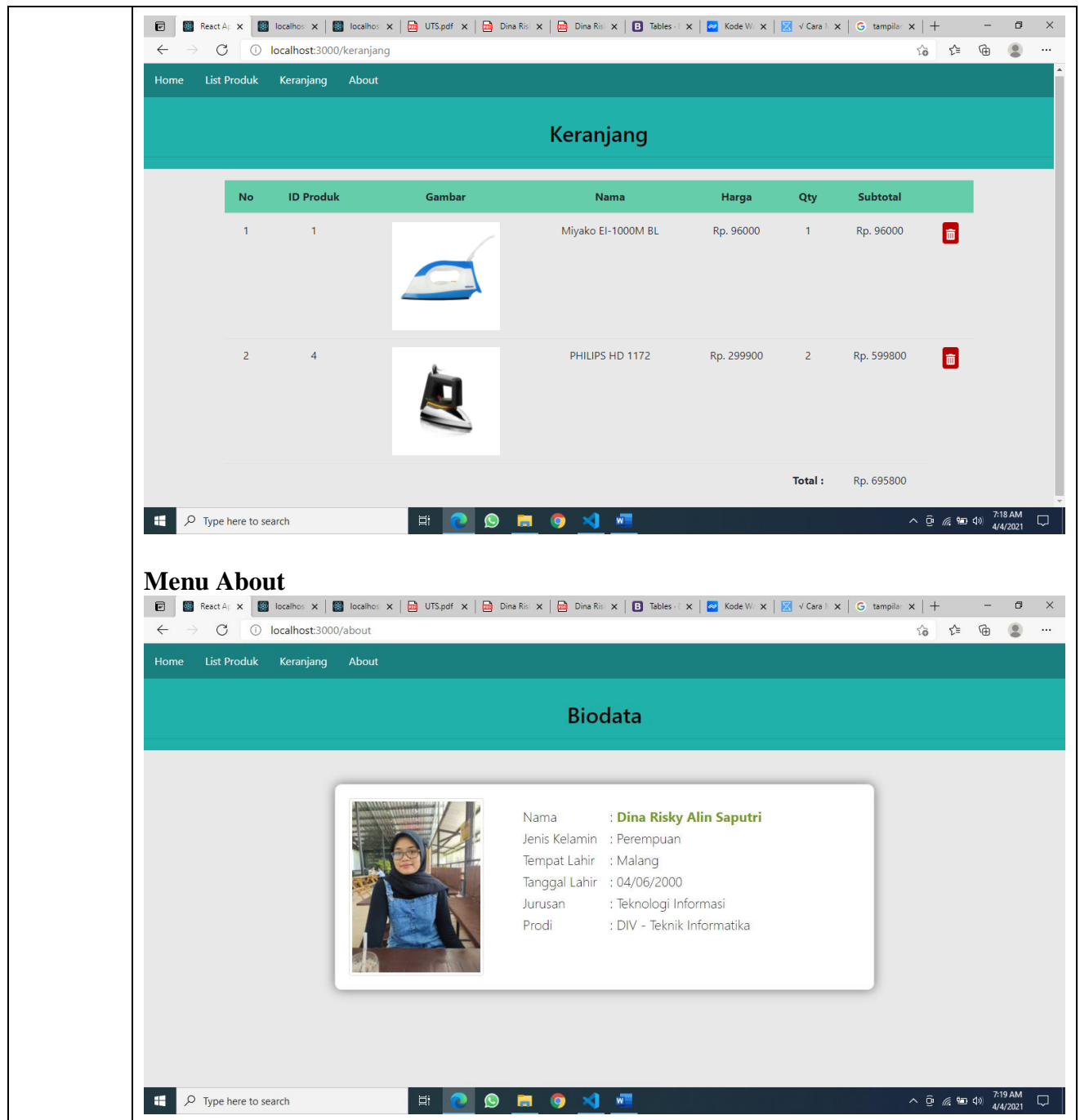
Daftar Setrika

 <p>ID : 1 Nama : Miyako EI-1000M BL Harga : Rp. 96000 Stok : 10</p> <p>Beli</p>	 <p>ID : 2 Nama : Krisbow Eds-Gn300 Harga : Rp. 314000 Stok : 5</p> <p>Beli</p>
 <p>ID : 3 Nama : Maspion HA-110 Harga : Rp. 115000 Stok : 3</p> <p>Beli</p>	 <p>ID : 4 Nama : PHILIPS HD 1172 Harga : Rp. 299900 Stok : 2</p> <p>Beli</p>
 <p>ID : 5 Nama : Tobi Travel Steam Harga : Rp. 75000 Stok : 4</p> <p>Beli</p>	 <p>ID : 6 Nama : Flextrema Setrika Mini Harga : Rp. 78000 Stok : 7</p> <p>Beli</p>
 <p>ID : 7 Nama : Turbo Dry Iron EHL 3018 Harga : Rp. 135000 Stok : 2</p> <p>Beli</p>	 <p>ID : 8 Nama : Maspion EX1000 Harga : Rp. 80000 Stok : 2</p> <p>Beli</p>
 <p>ID : 9 Nama : Philips GC1418 Harga : Rp. 250000 Stok : 5</p> <p>Beli</p>	 <p>ID : 10 Nama : Electrolux EDI 2004 Harga : Rp. 180000 Stok : 3</p> <p>Beli</p>

Type here to search

7:18 AM 4/4/2021

Menu Keranjang



Link Github : <https://github.com/dinariskyas/PemrogramanFramework2021/tree/master/minggu8%20-%20uts/setrika-shop>

Link Youtube : <https://youtu.be/43Mw7w9sscU>