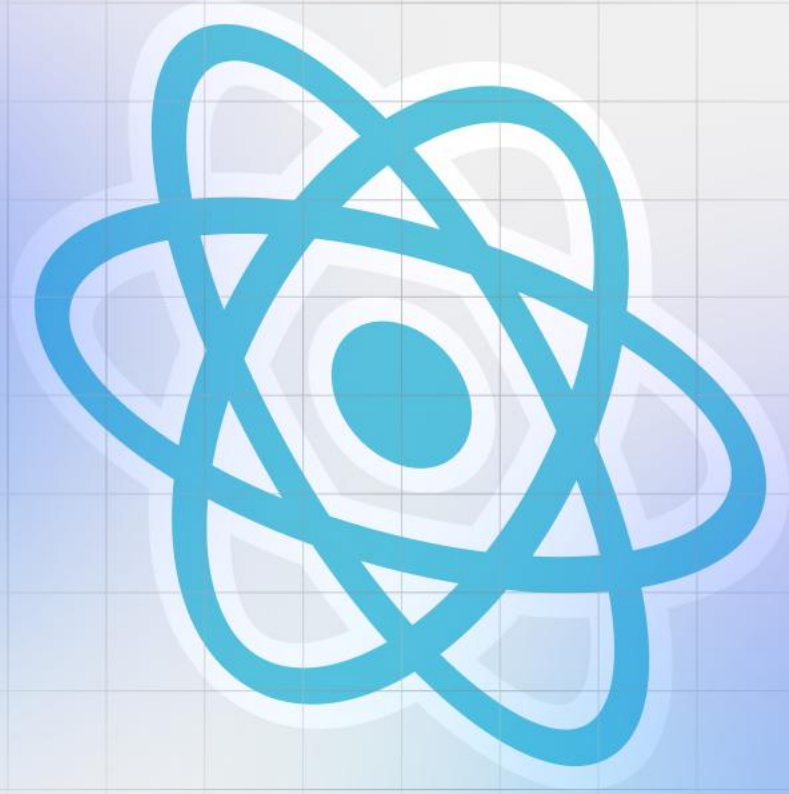


ReactJS

useState & UI

Day 2



Quick Review

1. Setup Vite + Tailwind
2. Paham JSX, komponen, props
3. Bikin komponen dasar



```
npm run dev
```



useState



useState menyimpan state komponen (nilai yang bisa berubah).



Memicu **re-render** saat setState dipanggil.

```
import { useState } from 'react';

export default function Counter() {
  const [count, setCount] = useState(0);
  return (
    <div className="p-4 rounded-box border">
      <p className="mb-2">Count: {count}</p>
      <button className="btn btn-primary" onClick={() => setCount(count + 1)}>
        +1
      </button>
    </div>
  );
}
```

es6.jsx

Event



Aksi tombol untuk
ubah state.



Input teks untuk
simpan ke state
lewat **onChange**.

```
function FormSimple() {  
  const [name, setName] = useState("");  
  return (  
    <div className="space-y-2">  
      <input  
        className="input input-bordered"  
        placeholder="Nama"  
        value={name}  
        onChange={e => setName(e.target.value)}  
      />  
      <button className="btn" onClick={() => alert(`Hi, ${name || 'Anon'}`)}>  
        Sapa  
      </button>  
    </div>  
  );  
}
```

es6.jsx

Conditional Rendering



Ternary:

```
{isOpen ? <A/> : <B/>}
```



AND:

```
{isOpen && <A/>}
```



es6.jsx

```
const [open, setOpen] = useState(false);  
<button className="btn" onClick={()=>setOpen(!open)}>  
  {open ? 'Tutup' : 'Buka'}  
</button>  
{open && <div className="alert alert-info">Konten rahasia muncul!</div>}
```


Style Condition



Variasi tombol: **btn-primary**, **btn-outline**, **btn-error**, dst.



Toggle visual
berdasarkan state.

```
const [active, setActive] = useState('primary');  
<button  
  className={`btn ${active === 'primary' ? 'btn-primary' : 'btn-outline'}`}  
  onClick={()=>setActive(active === 'primary' ? 'outline' : 'primary')}  
>  
  {active === 'primary' ? 'Primary' : 'Outline'}  
</button>
```

es6.jsx

Implementasi UI Library

1. DaisyUi
2. Preline
3. Flowbite
4.

```
// Memperindah tombol sederhana
<button class="btn">
  daisyUI Button
</button>

// Hasil:
```

daisyUI Button

```
// Memperindah tombol sederhana
```

```
<button class="bg-zinc-100 border font-semibold text-zinc-900 text-sm p-
py-2.5 transition-all hover:border-zinc-300 hover:bg-zinc-200 focus-visible:
focus-visible:outline-offset-2 focus-visible:outline-zinc-900 active:tr
[0.5px] inline-flex gap-2 rounded-sm active:border-zinc-300 active:bg-zinc-
active:shadow-none text-center align-middle cursor-pointer border-zinc-
zinc-700 dark:bg-neutral-700 dark:text-zinc-300 dark:hover:border-zinc-
dark:hover:bg-zinc-950 dark:focus-visible:outline-zinc-200 dark:active:
dark:active:bg-zinc-900">
```

Tailwind Button

```
</button>
```

```
// Hasil:
```

Tailwind Button

Instalasi DaisyUi

```
npm i daisyui
```

cmd

```
@import "tailwindcss";  
@plugin "daisyui";  
@theme {  
  --color-brand-600: oklch(0.6 0.15 260);  
}
```

src/index.css



React Router Dom

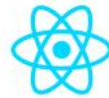
```
npm i react-router-dom
```

Biayanya Gini

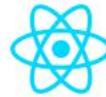
localhost/about.html
localhost/halo.php

Sekarang bisa jadi

localhost/about
localhost/halo



Layouts



Pages



Section



Components



useState and Navbar Menu

components/Navbar.jsx

```
import { useState } from 'react'
export default function Navbar() {
  const [open, setOpen] = useState(false)
  return (
    <div className="navbar">
      <div className="navbar-start">
        <div className="dropdown">
          <button className="btn" onClick={() => setOpen(v => !v)}>Menu</button>
        </div>
        {open && (
          <ul className="menu menu-sm dropdown-content">
            <li><a href="#features" onClick={() => setOpen(false)}>Fitur</a></li>
            <li><a href="#contact" onClick={() => setOpen(false)}>Kontak</a></li>
          </ul>
        )}
      </div>
      <a className="text-xl">My Landing</a>
    </div>
  )}
```

Footer

components/Footer.jsx

```
export default function Footer() {  
  return (  
    <footer className="footer items-center p-4 bg-base-200 text-base-content">  
      <aside className="items-center grid-flow-col">  
        <span className="font-semibold">MyLanding</span>  
        <p>© {new Date().getFullYear()}</p>  
      </aside>  
      <nav className="grid-flow-col gap-4 md:place-self-center md:justify-self-end">  
        <a href="#" className="link link-hover">Kebijakan</a>  
        <a href="#contact" className="link link-hover">Kontak</a>  
      </nav>  
    </footer>  
  );  
}
```

Hero Section

sections/Hero.jsx

```
export default function Hero() {  
  return (  
    <section className="hero min-h-[60vh] bg-base-200 rounded-box">  
      <div className="hero-content flex-col md:flex-row-reverse">  
          
        <div>  
          <h1 className="text-5xl font-bold">Landing Page Sederhana</h1>  
          <p className="py-6">React + DaisyUI: cepat, rapi, responsif.</p>  
          <a href="#contact" className="btn btn-primary">Coba Sekarang</a>  
        </div>  
      </div>  
    </section>  
  );  
}
```


Default Layout

layouts/DefaultLayout.jsx

```
import { Outlet } from "react-router-dom";
import Navbar from "../components/Navbar";
import Footer from "../components/Footer";

export default function DefaultLayout() {
  return (
    <div className="min-h-screen bg-base-100 text-base-content">
      <Navbar />
      <main className="container mx-auto px-4 py-8">
        <Outlet />
      </main>
      <Footer />
    </div>
  );
}
```


Home Page



pages/Home.jsx

```
import Hero from "../sections/Hero";

export default function Home() {
  return (
    <>
      <Hero />
    </>
  );
}
```

Home Page

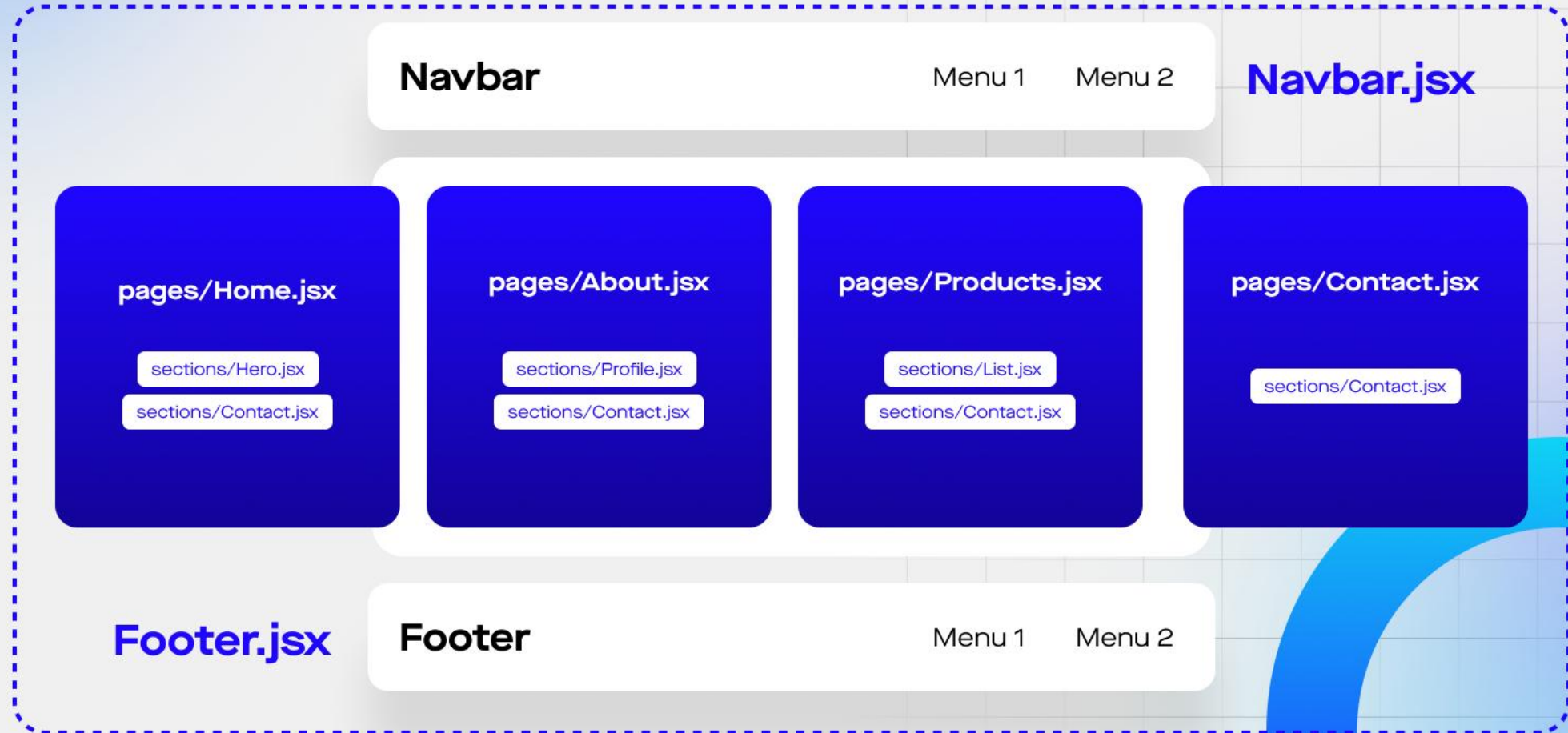


pages/Home.jsx

```
export default function Home() {  
  return (  
    <div className="prose">  
      <h1>Tentang</h1>  
      <p>Contoh halaman kedua via React Router.</p>  
    </div>  
  );  
}
```

Konsep Layouting

layouts/DefaultLayout.jsx



Ringkasan

github.com/khulqu15/reactjs-learn

1. Layouting, Pages, Sections
2. useState for open navigation & Event Handler
3. React router dom



Next

1. Axios consum API
2. Authentification

rules.jsx