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Dokumentasi Frontend

Instalasi Shadcn ui

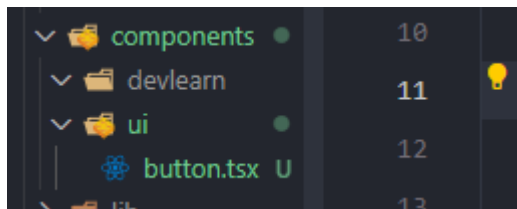
```
PS D:\FOLDER KULIAH\SEMESTER 6\Pemrograman Berorientasi Service\KBizer\frontend> npx shadcn@latest init
>>
Need to install the following packages:
shadcn@2.5.0
Ok to proceed? (y) y
npm WARN deprecated node-domexception@1.0.0: Use your platform's native DOMException instead
✓ Preflight checks.
✓ Verifying framework. Found Next.js.
✓ Validating Tailwind CSS config. Found v4.
✓ Validating import alias.
✓ Which color would you like to use as the base color? » Neutral
✓ Writing components.json.
✓ Checking registry.
✓ Updating CSS variables in app\globals.css
  Installing dependencies.

It looks like you are using React 19.
Some packages may fail to install due to peer dependency issues in npm (see https://ui.shadcn.com/react-19).

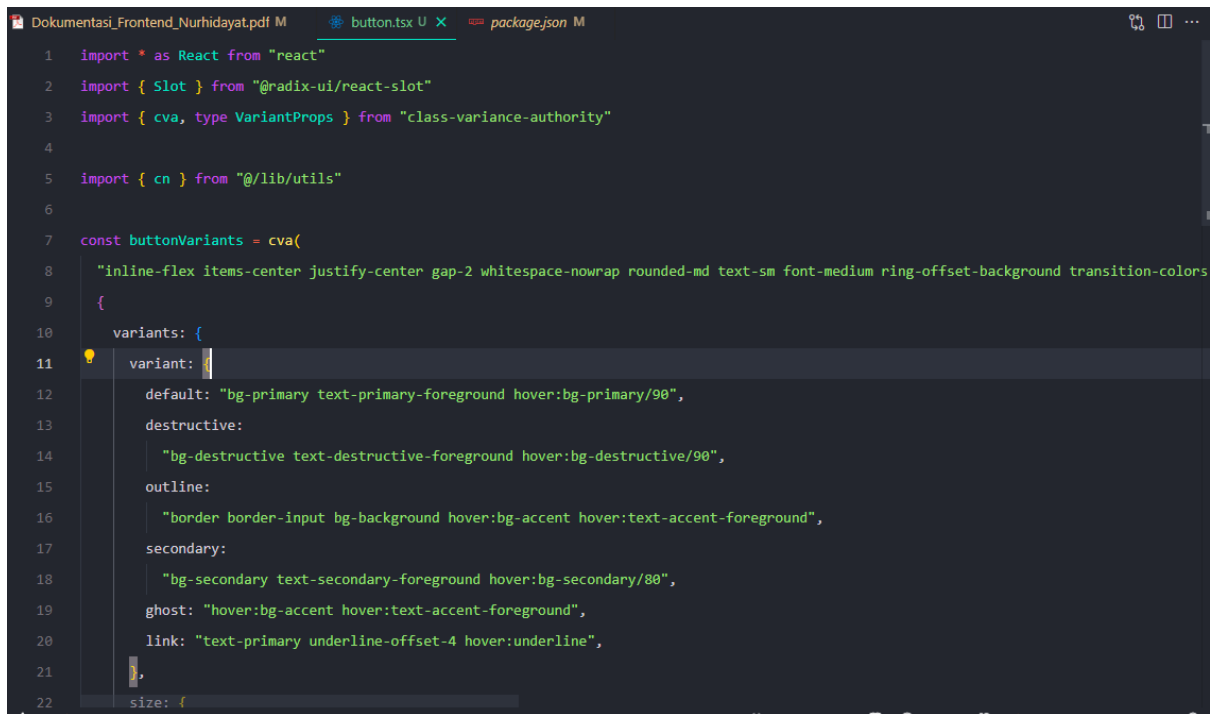
✓ How would you like to proceed? » Use --force
✓ Installing dependencies.
✓ Created 1 file:
  - lib\utils.ts

Success! Project initialization completed.
```

Menambahkan file baru pada folder ui yg ada pada folder components yaitu file button.tsx

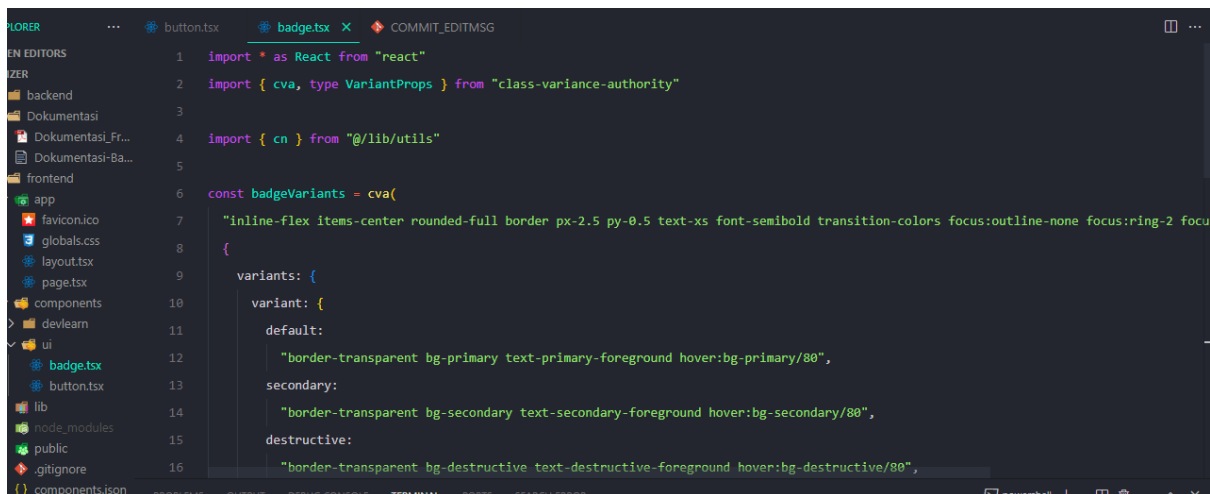


Berikut adalah isi button.tsx



```
1 import * as React from "react"
2 import { Slot } from "@radix-ui/react-slot"
3 import { cva, type VariantProps } from "class-variance-authority"
4
5 import { cn } from "@lib/Utils"
6
7 const buttonVariants = cva(
8   "inline-flex items-center justify-center gap-2 whitespace-nowrap rounded-md text-sm font-medium ring-offset-background transition-colors"
9   {
10     variants: {
11       variant: {
12         default: "bg-primary text-primary-foreground hover:bg-primary/90",
13         destructive: "bg-destructive text-destructive-foreground hover:bg-destructive/90",
14         outline: "border border-input bg-background hover:bg-accent hover:text-accent-foreground",
15         secondary: "bg-secondary text-secondary-foreground hover:bg-secondary/80",
16         ghost: "hover:bg-accent hover:text-accent-foreground",
17         link: "text-primary underline-offset-4 hover:underline",
18       },
19     },
20     size: {
21       default: "h-10 px-4 py-2",
22       sm: "h-9 px-3 py-1.5",
23       lg: "h-11 px-6 py-3",
24     },
25   },
26 )
```

Menambahkan file badge.tsx



```
1 import * as React from "react"
2 import { cva, type VariantProps } from "class-variance-authority"
3
4 import { cn } from "@lib/Utils"
5
6 const badgeVariants = cva(
7   "inline-flex items-center rounded-full border px-2.5 py-0.5 text-xs font-semibold transition-colors focus:outline-none focus:ring-2 focus:ring-offset-2"
8   {
9     variants: {
10       variant: {
11         default: "border-transparent bg-primary text-primary-foreground hover:bg-primary/80",
12         secondary: "border-transparent bg-secondary text-secondary-foreground hover:bg-secondary/80",
13         destructive: "border-transparent bg-destructive text-destructive-foreground hover:bg-destructive/80",
14       },
15     },
16     size: {
17       default: "h-6",
18       sm: "h-4",
19       lg: "h-8",
20     },
21   },
22 )
```

Saya membuat komponen Badge pakai React untuk menampilkan label kecil seperti tag atau status. Supaya bisa dipakai di banyak kondisi, saya tambahkan beberapa pilihan gaya (seperti default, secondary, destructive, dan outline) dengan bantuan cva (class-variance-authority). Jadi kita bisa pilih varian tanpa harus nulis class satu-satu.

Saya juga pakai helper cn buat gabungin class name biar lebih rapi. Komponen ini simpel, fleksibel, dan bisa dikustomisasi lewat props kalau dibutuhkan.