

[url](#)

vercel

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W11-P1: Do p4_xx in midterm

=> meta data template p1

The image displays a development environment for a Next.js project. The top left pane shows a terminal with the following commands:

```
w11> w11.md > ##### => meta data template p1
[url] (https://github.com/0x55xx5/1132-2N-Demo-23)
vercel
[url]()
#### W11-P1: Do p4_xx in midterm
#### => meta data template p1


npm install next-themes
#### => p2 dark theme




```

The top right pane shows the code editor with the layout.tsx file. The code is as follows:

```
import type { Metadata } from "next";
import { Inter } from "next/font/google";
import "../globals.css";
import { APP_NAME, APP_DESCRIPTION, SERVER_URL } from "@lib/constants";
import {ThemeProvider} from 'next-themes';

const inter = Inter({
  subsets: ["latin"]
});

export const metadata: Metadata = {
  title: {
    template: '%s |${APP_NAME}',
    default: APP_NAME
  },
  description: APP_DESCRIPTION,
  metadataBase: new URL(SERVER_URL),
};

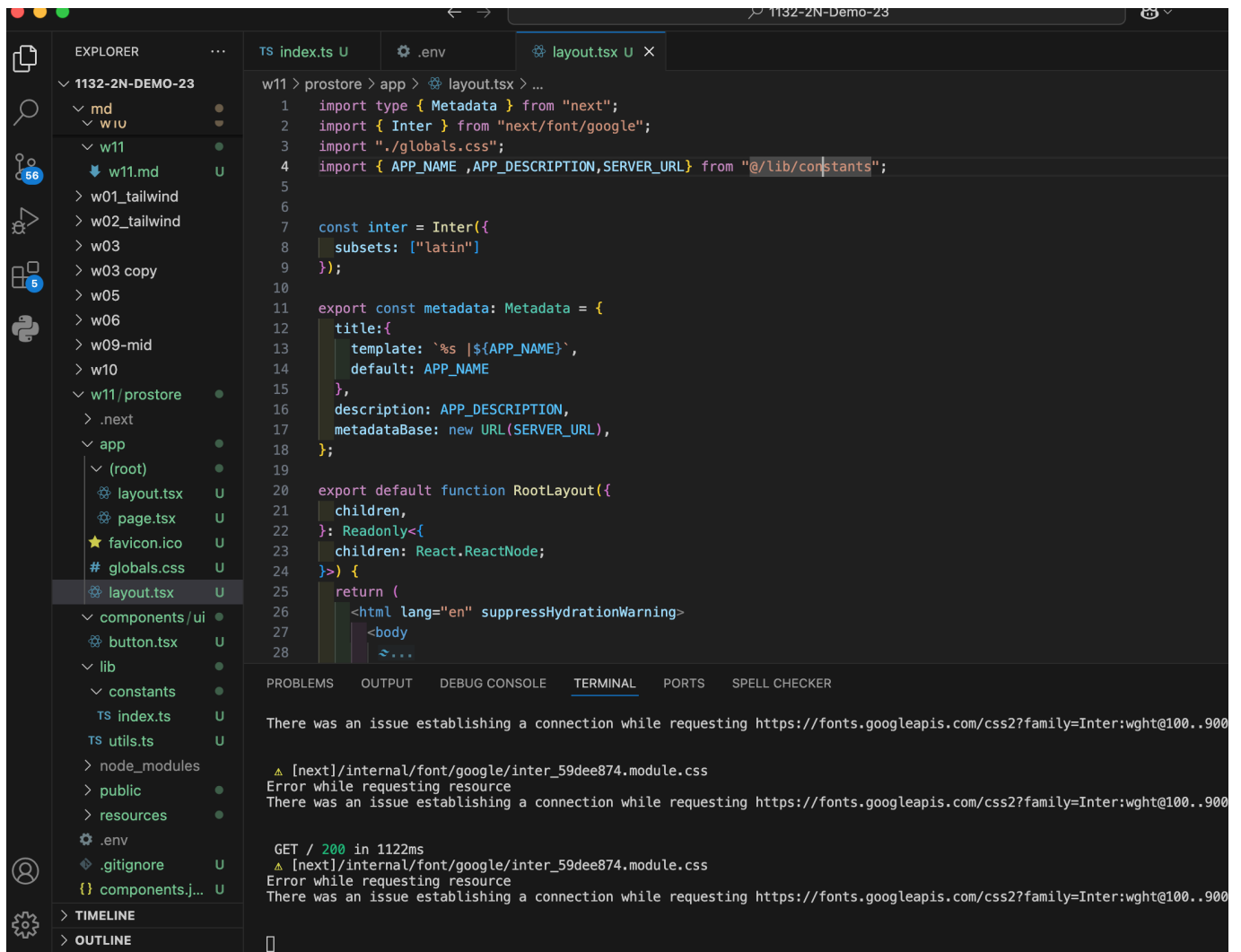
export default function RootLayout({
  children,
}: Readonly<
  children: React.ReactNode;
> ) {
  return (
    <html lang="en" suppressHydrationWarning>
      <body
        className={`{inter.className} antialiased`}
      >
        <ThemeProvider
          attribute="class"

```

The bottom left pane shows the file explorer with the following structure:

- 1132-2N-DEMO-23
 - md
 - w11
 - w11.md
 - w01_tailwind
 - w02_tailwind
 - w03
 - w03_copy
 - w05
 - w06
 - w09-mid
 - w10
 - w11/prostore
 - .next
 - app
 - (root)
 - layout.tsx
 - page.tsx
 - favicon.ico
 - globals.css
 - layout.tsx
 - components/ui
 - button.tsx
 - lib
 - constants
 - ts index.ts
 - ts utils.ts
 - node_modules
 - public
 - resources
 - .env
 - .gitignore
 - components.j...

The bottom right pane shows a browser preview of the application. The page title is "ProStore23" and the description is "test store". The page content includes a link to the favicon and a script for the layout.tsx file. The browser's developer tools are open, showing the "Outline" tab with a list of elements and their styles.



npm install next-themes

=> p2 dark theme

The screenshot displays a development environment with a code editor, terminal, and a web browser.

Code Editor: The file explorer on the left shows the project structure. The main editor displays the file `index.tsx` in the `components > shared > dark_toggle` directory. The code defines a `ModeToggleTest` function that uses a `theme` prop to determine the mode (system, dark, or light) and renders a corresponding icon (SunIcon or MoonIcon). The function uses a `DropdownMenu` component to show the mode and toggle between DARK, LIGHT, and default states.

Terminal: The terminal shows the command `npm run dev` being executed. The output indicates that the application is running on `localhost:3000` using `next dev --turbo`.

Web Browser: The browser shows the application running on `localhost:3000`. The page displays a shopping cart icon and a "show mode" dropdown menu. The dropdown menu is currently open, showing the selected mode "default" and the available options: "DARK", "LIGHT", and "default".

The image shows a VS Code editor interface for a Next.js project. The Explorer panel on the left displays the file structure, including folders like `w11/prostore`, `components`, and `shared`. The main editor shows the `test.tsx` file with the `ModeToggleTest` component. The terminal at the bottom shows the command `npm run dev` and the output indicating the application is running on `localhost:3000`. A small browser window in the top right corner shows the application running on `localhost:3000`, displaying a dark toggle button and a dropdown menu.

```
export function ModeToggleTest() {  
  {theme === "system" ? (  
    <SunMoon />  
  ) : theme === "dark" ? (  
    <MoonIcon />  
  ) : (  
    <SunIcon />  
  )}  
}</Button>  
</DropdownMenuTrigger>  
<DropdownMenuContent>  
  <DropdownMenuLabel>  
    show mode  
  </DropdownMenuLabel>  
  <DropdownMenuSeparator/>  
  <DropdownMenuCheckboxItem checked={theme === "dark"}>  
    DARK  
  </DropdownMenuCheckboxItem>  
  <DropdownMenuCheckboxItem checked={theme === "light"}>  
    LIGHT  
  </DropdownMenuCheckboxItem>  
  <DropdownMenuCheckboxItem checked={theme === "system"}>  
    default  
  </DropdownMenuCheckboxItem>  
</DropdownMenuContent>  
</DropdownMenu>  
};
```

Terminal output:

```
Compiled in 190ms  
[kevin:...132-2N-Demo-23/w11/prostore]$ npm run dev  
> prostore@0.1.0 dev  
> next dev --turbo  
  
▲ Next.js 15.3.1 (Turbopack)  
- Local:    http://localhost:3000  
- Network:  http://172.20.10.3:3000  
- Environments: .env  
  
Starting...  
Ready in 2.2s
```