

Summary

This code defines a functional component called `Navbar` that represents a navigation bar. It includes a mobile menu that can be toggled by clicking on a menu icon. The component uses the `useState` hook to manage the state of the mobile menu. It also uses the `Link` component from the `next/link` package to create links to different pages. The mobile menu is animated using the `motion` component from the `framer-motion` package.

Example Usage

```
<Navbar />
```

Code Analysis

Inputs

- None

Flow

1. The `Navbar` component is rendered.
2. The `showMobileMenu` state variable is initialized with a value of `false`.
3. The `handleClick` function is defined, which toggles the value of `showMobileMenu` when called.
4. The component's JSX code is rendered, which includes a navigation bar with a menu icon, a logo, and a list of links.
5. When the menu icon is clicked, the `handleClick` function is called, which toggles the value of `showMobileMenu`.
6. If `showMobileMenu` is `true`, a transparent overlay is displayed over the entire screen.
7. If `showMobileMenu` is `true`, the mobile menu is displayed with a slide-in animation.
8. When a link in the mobile menu or the desktop menu is clicked, the user is navigated to the corresponding page.

Outputs

- The `Navbar` component is rendered and displays a navigation bar with a mobile menu that can be toggled.

