Page Routing:
Page routing was set up by creating a navigation bar in a separate Layout.js file. With Home being the base/default page, links were created for each page and placed in the nav bar. Since Home is the default page, you link to "/", but for the About and Resources pages, they needed to be linked to "/About" and "/Resources" respectively.

Passing Data via Props:
I used props when passing my Carousel images from my carouselData array to the Carousel component. First, it's important to create your Carousel, but since no data is being passed to the Carousel immediately (because the data is in a different file), I used "items" as my prop. When putting the carousel into action, I assignment my carousel the value of my carouselData array in the Carousel component located in the About.js file.

React Hook:
I used a React hook to show and hide information on my Resources page. I did this by checking the open state of my modal in the Modal.js file. By default the modal is not displayed, but I'm able to change the modal state using buttons linked to the display state of the modal.

Hamburger Menu:
The hamburger menu was also implemented using a react hook, except this time we had some addition steps. First, included the hamburger menu icon, but I needed to change the display state of this. Using a react hook, I checked the state of the icon so that I can manipulate it effectively. A layout.css file was created to edit the display state of the icon and change the format of the menu, making sure the hamburger menu was displayed at a lower 768px breakpoint and the nav bar was displayed on screens larger than that breakpoint.

Components:
All of my components allow me to express information in various ways and to incorporate functionality into my application.

Styling:
I styled my components using both tailwind css classes and the usual stylesheet.

Difficulties:
React hooks were a bit difficult for me to understand. They're a more technical part of the application, but using Google to research them helped a lot. Also, looking back at past assignments helped me to understand the purpose of them and how to correctly implement them when needed.