

## \* Basic types of navigation

Website navigation is the parts of any website that allows us to browse through various pages or links on that website from a single component.

The most common navigation components are :

- 1) Horizontal navigation bar - navbar
- 2) Vertical navigation menu - right sidebar
- 3) A menu behind the button - mega menu
- 4) Footer navigation menu - link

### The navbar

React router - A library that gives more control over the routing of components.

```
import { BrowserRouter } from 'react-router-dom';  
import { Routes, Route } from 'react-router-dom'
```

## \* Conditional rendering

When we write the rendering logic in the main app component, we need to reference the state of the other components.

eg

```
function CurrentTime() {  
  const time = new Date().getHours();  
  return (  
    { hour >= 6 && hour <= 18  
      ? <Daytime /> : <Nighttime />  
    }  
  )  
}
```

) ?

## \* Assets :-

In React assets can be

- ① images
- ② Stylesheets
- ③ fonts
- ④ Any files needed

• Assets are all the files that react app needs to have access in order to work as intended.

\* Favicon is in the public folder because no component depends on it.

React doesn't need to use the favicon file to compile all the components into an app that will get served in our local browser while we're building app.

## \* Import an asset

import photo from '/assets/images/photo.jpg'

## \* Use an asset (name reference)

import photo from '/assets/images/photo.jpg'

```
function showPhoto() {
```

```
  return (
```

```
    <div>
```

```
      <img src={photo} = 'An example pic' />
```

```
    </div>
```

```
  );
```

```
}
```

```
export default showPhoto;
```

\* Use an assets (path reference)

```
function showPhoto() {
  return (
    <div>
      <img src={require('./assets/images/
        /photo.jpg')}
        alt="A photo" />
    </div>
  );
}
export default showPhoto;
```

With this method we no need the import statement

\* Audio and Video

Two ways of adding videos to app

- Serving a local video using the video element
- Using embedded third-party videos



e.g

npm install react-player

```
import React from "react";  
import ReactPlayer from "react-player/youtube";
```

```
const App = () => {  
  return (  
    <div>  
      <MyVideo />  
    </div>  
  );  
};
```