**Hospital Project Documentation**

**Introduction**

This documentation provides an overview of the Hospital Page project, which includes a Home Page and a MainMenu Page built using HTML, CSS, JavaScript, React, and React MUI (Material-UI). The project is designed to showcase various components related to a hospital website.

**Project Structure**

The project structure consists of the following key files and directories:

* src/App.js - The main entry point of the application, which sets up routing and renders various components.
* ButtonAppBar.js - A custom navigation bar component.
* Clients - Directory containing components related to client information.
* FAQ - Directory containing components related to Frequently Asked Questions.
* OurBlogs - Directory containing components related to blog posts.
* OurServices - Directory containing components showcasing hospital services.
* SignUp.js - Component for user sign-up.
* Footer - Component for the website footer.
* Slider - Directory containing components and data for image sliders.
* MainMenu.js - Component for the MainMenu page.
* About.js - Component displaying information about the hospital.

**Getting Started**

To set up and run the project locally, follow these steps:

1. Clone the project repository from [GitHub Repo URL]( <https://github.com/Samhan097/hospital.git>).
2. Navigate to the project directory.
3. Install project dependencies by running the following command:

**npm install**

1. Start the development server:

**npm start**

1. Open your web browser and visit `http://localhost:3000` to view the application.

**Routing**

The project uses React Router for routing between pages. Two main routes are defined:

* "/" (Root Path) -This route displays the Home Page, including the navigation bar, image slider, About, Our Services, Sign Up, Clients, Our Blogs, FAQ, and Footer components.
* "/MainMenu" - This route leads to the MainMenu Page.

**Components**

The following custom components are used in the project:

* ButtonAppBar - A navigation bar component for the website header.
* ImageSlider - Component for displaying image slides with dynamic data from SliderData.
* About - Component displaying information about the hospital.
* OurServices - Component showcasing hospital services.
* SignUp - Component for user sign-up.
* Clients - Components related to client information.
* OurBlogs - Components related to blog posts.
* FAQ - Components related to Frequently Asked Questions.
* Footer - Component for the website footer.
* MainMenu - Component for the MainMenu page.

Here's the documentation for the `ButtonAppBar` component:

## ButtonAppBar Component

The `ButtonAppBar` component is a custom navigation bar used in the Hospital Page project. It is implemented using Material-UI components and provides essential navigation and branding features for the website's header.

### Usage

You can use the `ButtonAppBar` component in your React application as follows:

```javascript

import ButtonAppBar from './ButtonAppBar';

// Inside your component's JSX:

<ButtonAppBar />

```

### Component Structure

The `ButtonAppBar` component is structured as follows:

- \*\*`<AppBar>`\*\*: Material-UI component for creating the top app bar.

- \*\*`<Toolbar>`\*\*: Material-UI component for the toolbar within the app bar.

- \*\*Logo Section\*\*:

- \*\*`<div className="logo">`\*\*: Container for the logo and logo text.

- \*\*`<img>`\*\*: Image element displaying the logo.

- \*\*`<Typography>`\*\*: Typography component displaying the text "HOSPITAL" as the logo text.

- \*\*Phone Number Section\*\*:

- \*\*`<Typography variant="body1" className="phone-number">`\*\*: Typography component displaying the hospital's phone number.

- \*\*Contact Us Button\*\*:

- \*\*`<Button>`\*\*: Material-UI button for the "Contact Us" action.

- \*\*Divider\*\*: Material-UI divider for visual separation.

- \*\*MainMenu Link\*\*:

- \*\*`<Link to="/MainMenu">`\*\*: React Router link to the MainMenu page.

- \*\*`<IconButton>`\*\*: Material-UI icon button for opening the menu.

- \*\*`<MenuIcon>`\*\*: Material-UI icon for the menu.

### Styling

The `ButtonAppBar` component is styled using Material-UI's `sx` prop for inline styling. Key styling attributes include the positioning of elements, margins, and button styles. CSS classes like "app-bar," "toolbar," "logo," "logo-text," "phone-number," "contact-button," and "menu-icon" are applied for further customization.

### Props

The `ButtonAppBar` component does not accept any props as it primarily serves as a static navigation bar.

### Dependencies

The component relies on the following dependencies:

- `@mui/material`: Material-UI components for building the app bar, toolbar, button, and icons.

- `react-router-dom`: React Router for linking to the MainMenu page.

### Example Usage

Here's an example of how the `ButtonAppBar` component is used within the `App.js` file:

```javascript

import ButtonAppBar from './ButtonAppBar';

function App() {

return (

<div className="App">

<ButtonAppBar />

{/\* Other components and content \*/}

</div>

);

}

```

### Note

Make sure to replace the logo image source and phone number with the actual branding and contact information for your hospital website.

This documentation provides an overview of the `ButtonAppBar` component's structure, usage, styling, and dependencies, making it easier for developers to understand and work with this important navigation element in the Hospital Page project.