1. **React Components**:
   * **ImageSlider**: A component that displays a slider of images.
   * **MyProfile**: A component that likely displays user profile information.
   * **BookCard**: A component for displaying information about a book.
   * **BookletCard**: A component for displaying information about a booklet.
   * **SearchDropdown**: A component for displaying a dropdown for searching.
2. **Material-UI Components**:
   * **Box**: A layout component provided by Material-UI.
   * **Typography**: A component for displaying text with various styles.
   * **Breadcrumbs**: A component for displaying breadcrumbs.
   * **Link**: A component for rendering links.
   * **useMediaQuery**: A hook for responsive design based on screen size.
3. **React Hooks and Next.js Functions**:
   * **useRouter**: A hook from Next.js used for accessing the router object.
4. **Functions**:
   * **handleClickArticleCardsPage**: Navigates to the ArticleCardsPage.
   * **handleClickBookCardsPage**: Navigates to the BookCardsPage.
   * **handleClickBookletCardsPage**: Navigates to the BookletCardsPage.
5. **Rendering**:
   * Renders a basic layout with background color "#FEFCEA".
   * Renders breadcrumbs and a search dropdown at the top.
   * Renders an image slider.
   * Renders sections for Articles, Books, and Booklets.
   * Each section contains multiple cards of respective items.
   * Provides "See More" links to navigate to more pages related to each category.
   * Includes a side component and topic one.
6. **Responsive Design**:
   * Adjusts layout based on screen size using **useMediaQuery**.
7. **Routing**:
   * Utilizes Next.js's routing system with **useRouter** to navigate between pages.
8. **Event Handling**:
   * Provides event handlers for clicking on breadcrumbs.

Documentation generally includes a description of each component, function, and hook used in the code, along with their purpose and usage. It also includes explanations of any external libraries or frameworks used, such as Material-UI and Next.js. Additionally, it should cover any specific patterns or techniques used in the code, such as responsive design or routing.



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**HomePage Component**

The **HomePage** component serves as the landing page of the application. It presents various sections such as Articles, Books, and Booklets along with navigation links and interactive components.

**Usage**

**Props**

This component does not accept any props.

**Components Used**

* **ImageSlider**: A slider component displaying images.
* **MyProfile**: Displays user profile information.
* **BookCard**: Displays information about a book.
* **BookletCard**: Displays information about a booklet.
* **SearchDropdown**: A dropdown component for searching.
* **SideComponent**: Additional component displayed on the side.
* **TopicOne**: Another topic-related component.

**Material-UI Components Used**

* **Box**: Layout component.
* **Typography**: Component for displaying text.
* **Breadcrumbs**: Component for displaying breadcrumbs.
* **Link**: Component for rendering links.
* **useMediaQuery**: Hook for responsive design.

**Next.js Functions Used**

* **useRouter**: Hook for accessing the router object for navigation.

**Functions**

* **handleClickArticleCardsPage**: Navigates to the ArticleCardsPage.
* **handleClickBookCardsPage**: Navigates to the BookCardsPage.
* **handleClickBookletCardsPage**: Navigates to the BookletCardsPage.

**Responsive Design**

Adjusts layout based on screen size using **useMediaQuery**.

**Routing**

Utilizes Next.js's routing system with **useRouter** to navigate between pages.

**Event Handling**

Provides event handlers for clicking on breadcrumbs.

**Layout Structure**

* Top section contains breadcrumbs and search dropdown.
* Middle section contains an image slider.
* Following sections display articles, books, and booklets with associated "See More" links.
* Side section displays additional components.

**Styles**

The component uses specific styling for text, layout, and interactive elements to maintain consistency and enhance user experience.

**RootLayout Component**

The **RootLayout** component serves as the layout wrapper for the entire application. It includes a navbar, footer, and wraps its children with additional HTML and CSS.

**Props**

This component expects a single prop:

* **children**: ReactNode - The content to be rendered within the layout.

**Components Used**

* **Navbar**: The navigation bar component.
* **Footer**: The footer component.

**Material-UI Components Used**

* **Box**: Layout component.

**External Libraries Used**

* **Inter**: Google font used for styling.

**ArticleCardsPage Component**

The **ArticleCardsPage** component displays a page dedicated to articles. It presents a list of articles along with filters and additional components.

**Usage**

**Example**

**Material-UI Components Used**

* **Box**: Layout component.
* **Button**: Interactive button component.
* **Typography**: Component for displaying text.

**Components Used**

* **FilterBar**: Component for filtering articles.
* **CardData**: Component displaying data for individual articles.
* **TopicTwo**: Another topic-related component.
* **RESVisitedArticle**: Component displaying visited articles.

**Next.js Functions Used**

* **useMediaQuery**: Hook for responsive design.

**Functionality**

* Renders a list of articles.
* Includes a filter bar for filtering articles.
* Provides a button for loading more articles.

**ArticlesPage Component**

The **ArticlesPage** component displays a single article with related content, tags, and additional information.

**Usage**

**Example**

**Material-UI Components Used**

* **Box**: Layout component.
* **Typography**: Component for displaying text.
* **TextField**: Component for user input.
* **Grid**: Layout component for arranging elements in a grid.
* **Card**: Component for displaying a card.
* **CardContent**: Component for the content of a card.
* **CardMedia**: Component for media content within a card.

**Icons Used**

* **Search**: Icon component for search functionality.
* **ShareIcon**: Icon component for sharing functionality.
* **DownloadIcon**: Icon component for download functionality.

**Functionality**

* Allows users to search for articles.
* Displays an article with related tags, image, and content.
* Provides options for sharing and downloading the article.

**BookCardsPage Component**

The **BookCardsPage** component displays a page dedicated to books. It presents a list of books along with filters and additional components.

**Usage**

**Example**

**Material-UI Components Used**

* **Box**: Layout component.
* **Button**: Interactive button component.
* **Typography**: Component for displaying text.

**Components Used**

* **FilterBar**: Component for filtering books.
* **BookCard**: Component displaying data for individual books.
* **ReleatedBooksTopics**: Component displaying related topics.

**Next.js Functions Used**

* **useRouter**: Hook for accessing Next.js router functionality.

**Functionality**

* Renders a list of books.
* Includes a filter bar for filtering books.
* Provides a button for loading more books.

**Footer Component**

The **Footer** component represents the footer section of the application. It includes various sections such as links, subscription, contact information, and social media links.

**Material-UI Components Used**

* **Box**: Layout component.
* **Typography**: Component for displaying text.
* **Link**: Component for linking to external URLs.
* **IconButton**: Interactive icon button component.
* **Divider**: Component for dividing content.

**Icons Used**

* **FacebookIcon**: Icon component for Facebook.
* **TwitterIcon**: Icon component for Twitter.
* **InstagramIcon**: Icon component for Instagram.
* **YouTubeIcon**: Icon component for YouTube.
* **LocationOnIcon**: Icon component for location.
* **PhoneIcon**: Icon component for phone.
* **EmailIcon**: Icon component for email.

**Functionality**

* Displays various sections such as links, subscription, contact information, and social media links.
* Provides options for users to subscribe.
* Includes contact information such as address, phone, and email.
* Allows users to connect via social media platforms.