Marketplace Frontend Components

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1. Product Listing Component

Description:
Displays a grid of products available for purchase. It fetches product details (name, price, image, etc.) from the sanity and renders them dynamically.

Key Features:

- Displays product name, image, price, and description.

- Supports pagination to show a limited number of products per page.

- Integrates with the filter panel to show products based on selected criteria.

Usage:

- Product data is passed as props from the parent container or API.

- Renders a list of products dynamically based on the data received.

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2. Product Detail Component

Description:
Displays detailed information about a single product when selected from the product listing. Includes images, price, description, and a purchase option.

Key Features:

- Fetches product data by its unique identifier (slug).

- Displays product images, price, description, and other details.

- Includes add-to-cart and add-to-wishlist buttons.

Usage:

- The product details are dynamically loaded based on the selected product.

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3. Category Component

Description:
Allows users to filter products by category.

Key Features:

- Displays a list of product categories (e.g., wooden chair , wing chair).

- Dynamically updates the product listing based on selected category.

Usage:

- Categories are fetched from the sanity or a static list and used to filter products.

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4. Search Bar

Description:
Provides users with the ability to search for products by keywords.

Key Features:

- A text input field where users can type product names or keywords.

- Displays search results dynamically as users type.

Usage:

- Searches are triggered by text input, and results are displayed below the search bar or on the results page.

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5. Cart Component

Description:
Displays the products added to the shopping cart and allows users to view, remove, or update quantities.

Key Features:

- Displays a list of products in the cart with their quantities, prices, and total amount.

- Allows users to remove items or update quantities.

Usage:

- Integrates with the sanity to fetch cart data and dynamically update cart contents.

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6. Wishlist Component

Description:
Allows users to save products they are interested in for future purchases.

Key Features:

- Displays a list of products added to the wishlist.

- Allows users to remove items or move them to the cart.

Usage:

- Users can add products to the wishlist, and the list updates dynamically.

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7. Checkout Flow Component

Description:
Guides the user through the checkout process, including address entry, payment selection, and order confirmation.

Key Features:

- Multiple steps for entering shipping details, selecting payment methods, and reviewing the order.

- Integrates with payment gateways like Stripe or PayPal for processing.

Usage:

- The component's state is managed to track the progress of the checkout flow.

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8. Pagination Component

Description:
Handles the pagination of products, allowing users to navigate through multiple pages of product listings.

Key Features:

- Navigates between different pages of products.

- Displays the current page and total pages.

- Supports both "Previous" and "Next" buttons.

Usage:

- Works with the product listing component to limit the number of products per page.

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9. Filter Panel Component

Description:
Provides users with the ability to filter products by different criteria (price, category, etc.).

Key Features:

- Allows users to filter products by price range, category, and other criteria.

- Dynamically updates the product listing based on the selected filters.

Usage:

- The filter panel is integrated with the product listing to update the displayed products.

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10. Related Products Component

Description:
Displays products related to the current product on the product detail page.

Key Features:

- Shows products that are similar or related to the currently viewed product.

- Dynamically updates based on the current product's category, tags, or other attributes.

Usage:

- This component fetches and displays a set of products dynamically based on the current product's information.

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11. Footer and Header Components

Description:
The header contains the navigation, search bar, and cart links. The footer contains links to important pages like "Privacy Policy", "Terms of Service", and contact info.

Key Features:

- The header includes links to the product listing, search bar, and shopping cart.

- The footer includes legal and informational links.

Usage:

- The header and footer components are displayed across the website for consistent navigation.

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12. Notifications Component

Description:
Displays notifications to the user when actions like adding a product to the cart or wishlist are completed.

Key Features:

- Displays notifications dynamically with custom messages for different actions.

- The notification appears at the top or bottom of the page, depending on the design.

Usage:

- Triggered by actions like adding items to the cart or wishlist, showing temporary success messages.

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13. FAQ Component

Description:
Displays frequently asked questions and answers to help users with common inquiries.

Key Features:

- Includes a list of frequently asked questions with collapsible answers.

- Allows users to quickly find answers to common issues.

Usage:

- This component is displayed in the Help or Support section of the website.

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16. Contact Form Component

Description:
The **Contact Form Component** allows users to get in touch with the support team, ask questions, or submit feedback. It typically includes fields such as name, email, message, and a submit button.

Key Features:

- **User Information**: Collects the user's name, email address, and message.

- **Form Validation**: Ensures all required fields are filled out before submission (e.g., name, email, message).

- **Submit Button**: Allows users to send their message after filling out the form.

- **Success/Error Notifications**: Displays a success message upon successful submission or an error message if something goes wrong.

- **Responsive Design**: Ensures the contact form looks great on all screen sizes and devices.

Usage:

- The form captures user input and sends it to a backend (like an email system or support database).

- After submission, the form should display a confirmation message that the message has been sent or that there was an error in the submission.

Conclusion

Each of these components plays a crucial role in creating a dynamic and functional frontend marketplace. The goal of this documentation is to outline the core functionality and usage of each component, helping developers understand how to integrate them into the project efficiently.