**Online Shopping - E-commerce Website**

Online Shopping is a full-stack e-commerce website developed using Next.js, Node.js, and MongoDB. It provides a user-friendly interface for customers to browse and purchase products, manage their shopping cart, and view their order history. The project incorporates various features like product listing, cart management, search functionality, user authentication, and order placement.

**Features**

\*\*Product Listing\*\*: Browse and view a wide range of products with detailed information, including product name, price, description, and images.

\*\*Add to Cart\*\*: Easily add products to the shopping cart by clicking on the "Add to Cart" button. The cart dynamically updates with the added products.

\*\*Cart Management\*\*: View and manage the contents of the shopping cart, including product quantities, total price, and the option to remove items.

\*\*Search Functionality\*\*: Search for products by name or category name using the search feature on the home page. Results are displayed instantly, helping users find products quickly.

\*\*User Authentication\*\*: Sign up and login functionality for customers. Users can create an account, log in securely, and access their personalized dashboard.

\*\*Order Placement\*\*: Place orders for selected items in the cart. The system securely processes the order and provides a confirmation message with the order details.

\*\*Order History\*\*: Customers can view their order history in the dashboard, including details of past orders, such as order ID, date, items, and total amount.

\*\*Responsive Design\*\*: The website is optimized for various screen sizes, ensuring a seamless browsing experience across devices.

**Tech Stack**

\*\*Front-end\*\*: Next.js, React, HTML5, CSS3, JavaScript

\*\*Back-end\*\*: Node.js, Express.js, RESTful APIs

\*\*Database\*\*: MongoDB

\*\*Authentication\*\*: JSON Web Tokens (JWT)

\*\*Third-Party Libraries\*\*: Bootstrap, Axios, etc.

**Installation and Setup**

Follow these steps to set up the project locally:

1. Clone the repository: `git clone <repository-url>`

2. Navigate to the project directory: `cd online-shopping`

3. Install dependencies: `npm install`

4. Set up environment variables:

Create a `.env` file in the project root directory.

Define environment variables like database connection details, API keys, etc.

5. Start the development server: `npm run dev`

6. Open the website in your browser: `http://localhost:3000`

Make sure to configure the database connection and other environment variables according to your setup.

**Acknowledgements**

We would like to acknowledge the following resources, libraries, and tutorials that contributed to the development of this project:

- [Next.js Documentation](https://nextjs.org/docs)

- [Node.js Documentation](https://nodejs.org/en/docs)

- [MongoDB Documentation](https://docs.mongodb.com)

- [Bootstrap Documentation](https://getbootstrap.com/docs)

- [React Icons](https://react-icons.github.io/react-icons)

- [JSON Web Tokens (JWT)](https://jwt.io/introduction)

**Contact**

For any inquiries or support, please contact the project maintainer(s) at [email@example.com].

Thank you for your interest in the Online Shopping project. We hope you find it useful and enjoy exploring its features!