BraceLand

Flow of the Project

1. User Authentication Flow

- **Registration**:
    - Users provide their details, which are saved in the database after validation.
- **Login**:
    - Credentials are validated, and a JWT token is generated.
- **Access to Protected Routes**:
    - Users need a valid JWT token to perform cart operations or buy products.

2. Product Browsing and Selection Flow

- **Product Fetching**:
    - Frontend requests product data from the backend.
    - Backend retrieves product data from MongoDB.
- **Cart Operations**:
    - Users can add or remove items from their cart. The updated cart is saved to MongoDB.

3. Direct Purchase Flow

- Users can skip adding products to the cart by directly proceeding to payment.

Tech Stack

Frontend

- **React.js**: User interface.
- **Axios**: For API communication.
- **React Router**: For navigation and route protection.

Backend

- **Node.js**: Server-side logic.
- **Express.js**: To create RESTful APIs.
- **bcrypt.js**: For password hashing.

- **jsonwebtoken (JWT)**: For authentication.
- **dotenv**: For managing environment variables.

Database

- **MongoDB**: Stores user details, products, cart, and orders.
- **Mongoose**: For schema creation and database interactions.


Features to Highlight

1. **Authentication**:
   - Secure login and registration using JWT.
   - Protected routes for cart and order management.

2. **Cart Management**:
   - Users can add, update, and remove products.
   - Cart is persisted in the database for each user.

3. **Product Operations**:
   - View all products or specific categories.
   - Real-time updates using React state management.
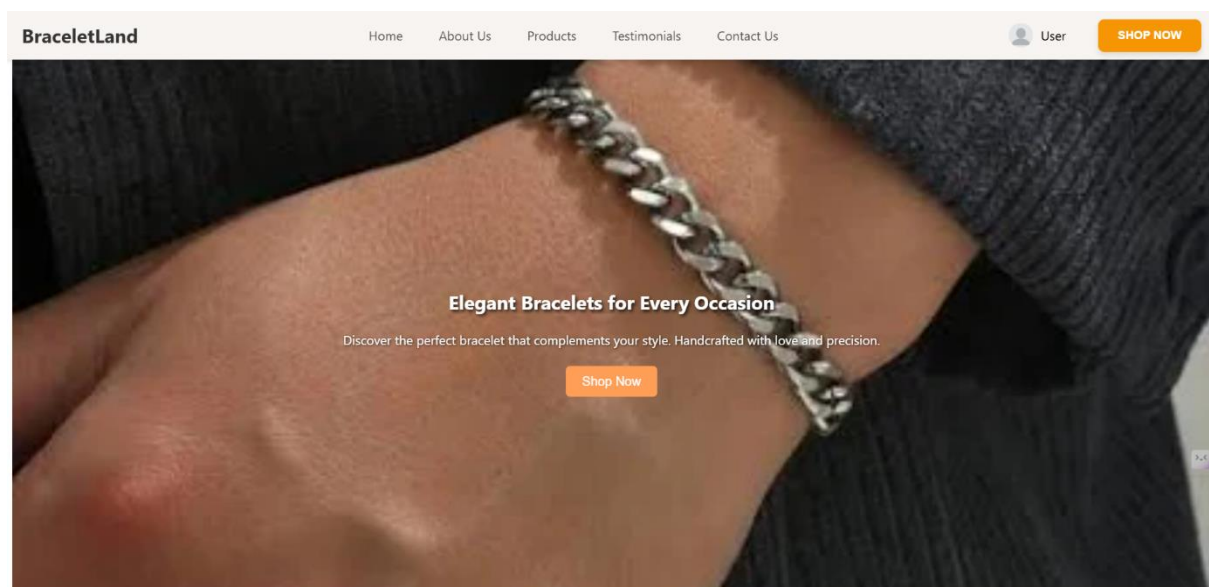
Landing Page
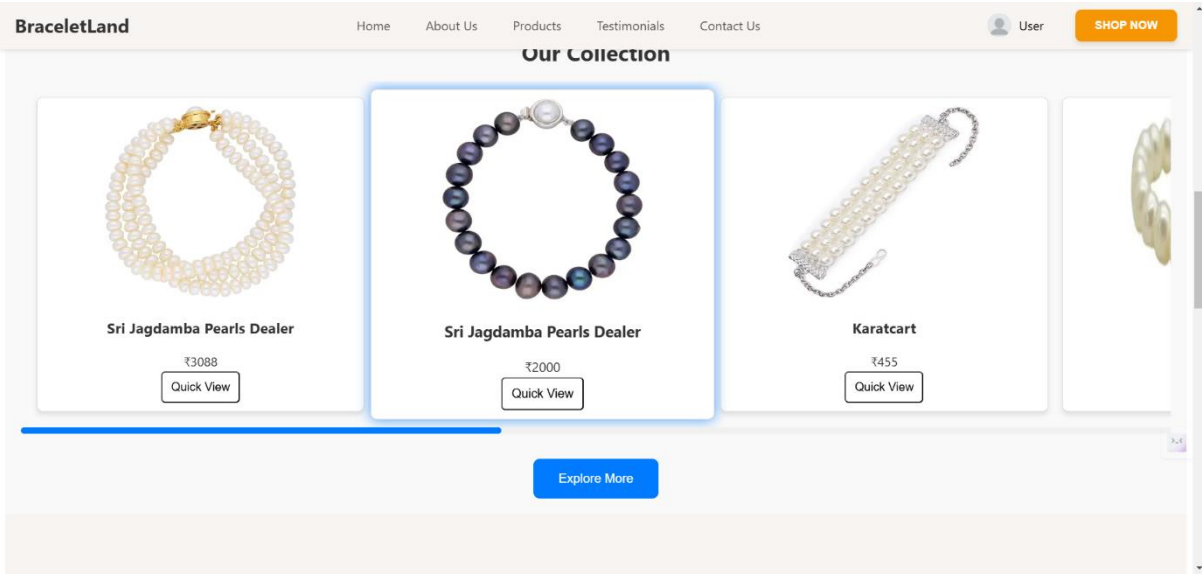
Product Overview
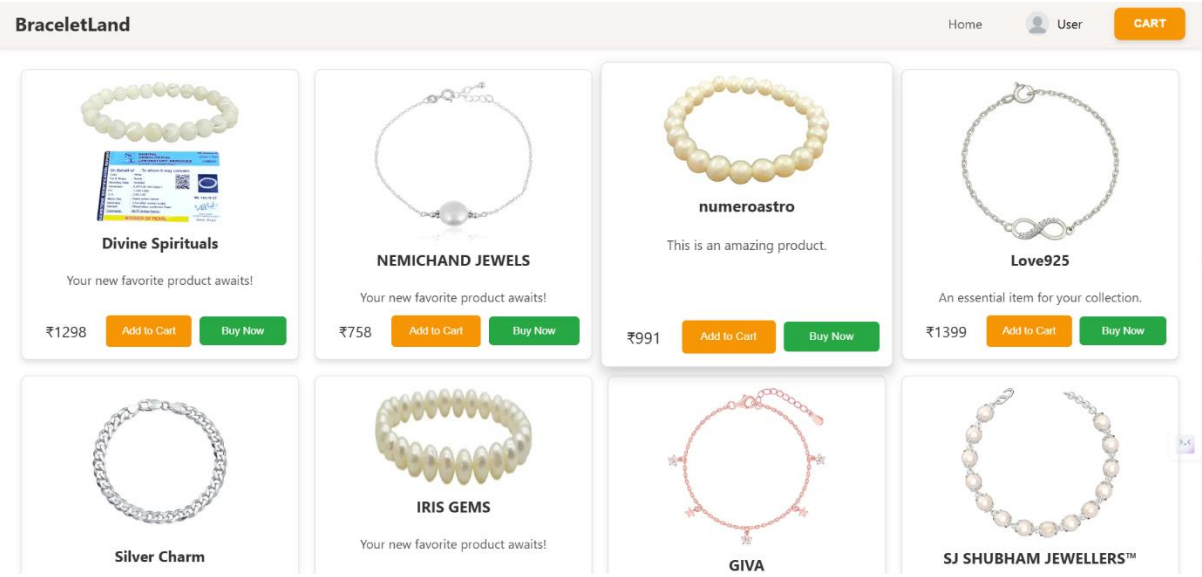
Explore Products

Sri Jagdamba Pearls Dealer

₹1750

Remove

MANBHAR GEMS

₹399

Remove

Proceed to Checkout

Cart Overview

"Beautiful and elegant designs!"
- Alice

"So happy with my purchase. The quality is outstanding!"
- Kelly

"Impressive attention to detail. Highly recommend!"
- Grace

"Perfect for gifting! Elegant and sophisticated."
- Isaac

"My new favorite brand. Absolutely love the pieces!"
- Sophia

"Amazing collection! Will definitely buy again."
- Liam

Load More Reviews

Customer Feedback