PASCAL IMITATION JEWELLERY

Redefining Modern Luxury in the Digital Age

1. Homepage Overview

- Luxury hero banner with gold/black branding

- Featured collections and highlights

- Quick access to categories and trending pieces

- High-quality visuals for brand impression

2. Rings Page

- Full list of rings with high-resolution images
- Filter by precious/semi-precious, brand, price
- Quick View modal for instant preview
- Hover animations for luxury feel

3. Necklaces Page

- Curated necklace gallery

- Advanced sort options (Newest, Price, Material)

- Mobile-friendly responsive layout

4. Earrings Page

- Grid layout optimized for clarity

- Brand-based filtering

- Elegant product cards with gold-accent borders

- Wishlist button integrated on every item

5. Bracelets Page

- Side-by-side product rows

- Smooth lazy-loading for performance

- Hover zoom interaction

- Consistent aesthetic across categories

6. Product Detail Page

- High-resolution gallery with lightbox

- Complete specifications table

- Add to Cart + Wishlist + Compare options

- Related items recommendation section

7. Product Comparison Page

- Compare up to 4 products simultaneously

- Side-by-side specs: price, materials, brand

- Highlight differences automatically

- Persistent user selections across sessions

8. Product Gallery

- Discover our complete jewellery collection presented in a refined, immersive gallery.

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- Enjoy seamless navigation across all categories — rings, necklaces, earrings, and more.

9. About / Contact Page

- Brand story and craftsmanship values

- High-end typography

- Contact form with validation

- Interactive Google Maps embed option

10. Coding Overview

- Frontend built with pure Vanilla JavaScript

- Lightweight custom DOM framework for speed

- Fully modular architecture

- Hand-coded animations and transitions

11. Data Structure & Product Arrays

- Products stored in structured JSON-style arrays

- Rich metadata: brand, material, type, images

- Indexed attributes for fast filtering

- Reusable schema for future expansion

12. Filtering System

- Debounced search for performance optimization
- Dynamic filter logic (type, brand, price)
- No page reload — updates via DOM diffing
- 100% client-side computation and time saving filter

13. Comparison Engine Coding

- Script compares product objects by keys

- Dynamic table creation using JS loops

- Highlights differences with conditional styling

- Comparison saved in localStorage

14. Cart System Logic

- Cart stored locally (persistent caching)
- Real-time calculation using array reducers
- Add/Remove functionality fully modular
- Automatic synch with UI components

15. Lightbox & Gallery Coding

- Keyboard navigation (left/right arrows)

- Event-driven architecture

- Image preloading for smoother transitions

- Optimized rendering to avoid reflow

16. Responsive Layout Coding

- Mobile-first grid system

- Custom breakpoints via CSS + JS

- Adaptive image scaling

- Touch-friendly interactions

17. Performance Optimization

- Lazy loading images for faster browsing

- Minimized DOM re-renders

- Script modularization for caching

- Zero-framework architecture for efficiency

Thank You for Your Time

We appreciate your attention and look forward to shaping the next era of digital elegance together.