Technical Plan for Women's Clothing Marketplace

1. Business Goals

- Women's clothing ke liye centralized, reliable platform.

- Affordable pricing, fast delivery.
- Ensure high-quality product offerings

Technical Requirements

Frontend Requirements

- **Responsive design** for all devices
- **Next.JS implementation with the following pages:
  - Home (Featured products, new arrivals)
  - Product listing with filters
  - Product details
  - Shopping cart
  - Checkout process
  - Order tracking
- State management using Zustand for cart

Backend Requirements (Sanity CMS)

- Product management
- Order processing
- Customer data handling
- Inventory tracking

Third-party Integrations

- Payment gateway (Stripe, COD)
- Shipment tracking API

2. System Architecture

System Architecture

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graph TD
    A[Frontend - Next.js] --> B[Sanity CMS]
    A --> C[Payment Gateway]
    A --> D[Shipping API]
    B --> E[Content Management]
    B --> F[Product Database]
    C --> G[Payment Processing]
```

```
D --> H[Order Tracking]
```

3. Key Features

- Product browsing with filters.

- Secure cart and checkout system.

- Real-time shipment tracking.

- Payment gateway integration (COD, Stripe).

Shopping Flow

1. User browses products
   - Fetches data from Sanity CMS
   - Applies filters (size, price, category)
2. Adds items to cart
   - Managed by Zustand state
   - Updates stock availability
3. Checkout process
   - Collects shipping information
   - Processes payment
   - Creates order in Sanity