**Mind Map**

### **Mind Map: Nykaa Fashion Products Web Application**

#### **1. Homepage**

* **Design Elements**
  + Logo
  + Navigation Menu
  + Featured Products
* **Functionality**
  + Load time
  + Responsiveness

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#### **2. Product Listing**

* **Categories**
  + Men
  + Women
  + Accessories
* **Sorting and Filtering**
  + Price range
  + Popularity
  + New arrivals

#### **3. Product Details**

* **Product Images**
  + High-quality images
  + Zoom functionality
* **Description**
  + Clear and informative details
  + Size and color options
* **Reviews**
  + Ratings

#### **4. Cart Functionality**

* **Add to Cart**
  + Quantity selection
  + Option to continue shopping
* **View Cart**
  + Item list
  + Total price calculation
* **Remove Items**
  + Update cart functionality

#### **5. Checkout Process**

* **User Authentication**
  + Login for registered users
* **Payment Options**
  + Credit/Debit cards
  + Digital wallets
* **Order Confirmation**
  + Summary of purchase
  + Email confirmation

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#### **6. Search Functionality**

* **Search Bar**
  + Filter by category
* **Search Results**
  + Display relevant products
  + Sorting options for results

#### **7. User Experience (Usability)**

* **Navigation Ease**
  + Accessibility features
* **Mobile Responsiveness**
  + Compatibility with mobile devices
  + Touch-friendly elements

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#### **8. Performance Metrics**

* **Loading Speed**
  + Homepage loading time
  + Checkout page loading time
* **Stress Testing**
  + Application performance under high user load

#### **9. Security Features**

* **Data Protection**
  + HTTPS implementation
  + Secure payment processing
* **User Privacy**
  + Data handling policies