**National University of Computer and Emerging Sciences**



Database Project Proposal

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CL219 Database Systems Lab

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1. **Introduction**

* This website is going to be a platform where you will get the ultimate shopping experience with essential functionalities like secure user authentication, a user-friendly product catalog, intuitive search and filter options, easy shopping cart management, and streamlined checkout process. Stay updated with your order history and be the first to know about exciting discounts and promotions.

1. **User Authentication and Authorization:**
   * Allow users to create accounts, log in, and manage their profiles.
2. **Product Catalog:**
   * Display a list of available clothing products with details (e.g., name, description, price, images).
3. **Product Search and Filter:**
   * Implement a search functionality and filters to help users easily find specific products based on categories, sizes, colors, etc.
4. **Add to Cart:**
   * Enable users to add products to their shopping cart, view the cart, and manage quantities.
5. **Checkout Process:**
   * Implement a simplified checkout process, allowing users to enter shipping and payment details.
6. **Order History:**
   * Display a history of previous orders for logged-in users.
7. **Inventory Management:**
   * Track and manage the available quantity of each product, updating it as products are purchased.
8. **Admin Dashboard:**
   * Create an interface for administrators to manage products, users, and orders (e.g., add/update/delete products, view orders).
9. **FAQ Section:**

* Provide a Frequently Asked Questions (FAQ) section to address common user queries.

1. **Discounts and Promotions:**

* Apply discounts or promotional offers to specific products or during checkout.