**DBMS Semester Project Report (Fall 2023)**



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**E-Commerce Website**

**Overview:**

The e-commerce website is developed using PHP, MySQL, HTML, CSS, and JavaScript. The system consists of two types of users: Admin and Customers. Admin has fixed login credentials, while Customers need to register with name, email, phone, and password.

**User Authentication:**

- Two main pages for registration and login.

- Customers can register with personal details and login using email and password.

-Admin can login with is fixed email and password.

**Admin Features:**

**-** Add, update, and delete products in three categories: shoes, pants, shirts.

- Product attributes include name, price, quantity, add date, details, image, and category.

- View sales history of products sold.

- Trigger records product updates in a product history table for reference.

**User Features:**

- Home page displays product categories (shoes, pants, shirts).

- Browse through products, view details, and add to cart or wishlist.

- Shopping cart to manage added products, proceed to checkout, or remove items.

- Wishlist to view and delete saved products**.**

**Product Display:**

- Products are presented in a card format.

- Card includes image, details, and price.

- Separate buttons for Admin (update, delete) and Users (add to cart, add to wishlist).

**Additional Notes:**

- Clean and intuitive sidebar navigation for Admin and Users.

- Seamless user experience with efficient product management.

- Admin can track product history for reference and auditing.

**Conclusion:**

The e-commerce website successfully caters to the needs of both Admin and Customers, providing a user-friendly interface for product management, sales tracking, and seamless shopping experience.

**Entity Relationship Diagram:**



