

**Graduation Project Proposal Form**

**1. Project Information**

* Project Title: GlowCart – Online Cosmetics Shopping Platform
* Course/Track: Web Development / E-Commerce Systems
* Team Members:

1. Merna Abdulazim
2. Habiba Mohamed
3. Nour El Gindy

**2. Project Overview**

* Objective: To design and implement an online platform for purchasing cosmetics and skincare products, offering customers a seamless shopping experience with secure transactions, verified reviews, and an easy-to-navigate interface.
* Scope of Work: Develop a responsive website for desktop and mobile. Integrate product search, filtering, and categorization features. Implement a secure user authentication system. Build a shopping cart and checkout system with multiple payment options. Include an admin dashboard for inventory and order management. Enable product reviews and ratings from verified buyers.
* Expected Outcomes: A functional, user-friendly e-commerce website for cosmetics. Secure and efficient purchasing process for customers. Improved accessibility to a wide variety of beauty products in one place.

3. Problem Statement  
Many customers face challenges finding genuine, high-quality cosmetics at reasonable prices in one place. Offline shopping is time-consuming, offers limited variety, and lacks reliable reviews, making it hard to make confident purchase decisions.

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4. Proposed Solution  
A one-stop online cosmetics store with authentic products, advanced search filters, detailed descriptions, verified customer reviews, and secure checkout. The platform will simplify beauty shopping, save customers time, and ensure a reliable and enjoyable experience.

* Technologies Used: Frontend: HTML, CSS, JavaScript (React or plain JS). Backend: PHP or Node.js. Database: MySQL.
* System Architecture: Frontend Layer – Responsive UI for browsing products and user interaction. Backend Layer – Handles authentication, product management, orders, and payments. Database Layer – Stores user data, product information, orders, and reviews.

**5. Resources Needed**

* Hardware/Software: Laptop or PC with internet connection. Visual Studio Code or similar IDE. Web server (XAMPP, WAMP, or online hosting). MySQL database.

**6. Approval**

* **Instructor/Advisor:** ……………………………………………………………….....................................
* **Signature:** ……………………………………………………………………………………………………………..