**NOTRE DAME UNIVERSITY BANGLADESH**



Database Management System

Project-Report

Submitted to:

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E-COMMERCE PROJECT REPORT

**Introduction/Overview of E-Commerce:**

E-commerce, short for electronic commerce, refers to the buying and selling of goods and services over the internet. It allows businesses to reach a global audience and provides consumers with a convenient and efficient way to shop. E-commerce encompasses various models, including business-to-consumer (B2C), business-to-business (B2B), and consumer-to-consumer (C2C) transactions.

**Problem Statements:**

Traditional brick-and-mortar stores face limitations like geographical reach, limited operating hours, and the inability to offer a vast product selection. E-commerce solves these issues by:

* **Increased Accessibility:** Customers can shop from anywhere, anytime, with an internet connection.
* **Wider Product Selection:** Online stores can offer a much larger variety of products compared to physical stores.
* **Competitive Prices:** E-commerce fosters competition, often leading to lower prices for consumers.
* **Convenience:** Online shopping allows for easy product comparison, secure transactions, and home delivery.

**01**

**Tools and Technologies Used:**

This project utilized the following tools and technologies to build the e-commerce platform:

* **HTML:** The foundation for creating web page structure and content.
* **CSS:** Defines the visual presentation of the web pages, including layout, styles, and user interface elements.
* **PHP:** A server-side scripting language used to handle dynamic content, process form submissions, and interact with the database.
* **MySQL:** A relational database management system for storing and managing product information, customer data, and orders.
* **phpMyAdmin:** A web-based interface for administering MySQL databases, allowing for easy data management.

**Main project file:**

**Project file**

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**Features:**

This e-commerce project provides the following functionalities:

* **Admin Panel:** An interface for administrators to manage the online store. They can add products and display them very efficiently and effectively.
* **Customer Panel:** A section where customers can browse products, view product details, and views and option of buying them.

**02**

**Conclusion:**

This e-commerce project demonstrates the power of web development tools like HTML, CSS, PHP, and MySQL in creating a functional online store. It offers a user-friendly platform for both customers and administrators, providing a convenient and accessible shopping experience. By further developing functionalities like secure payment gateways, advanced search options, and user reviews, this e-commerce platform can be further enhanced to cater to a wider audience and increase sales.

**03**