



وزارة التعليم العالي والبحث العلمي
جامعة بابل
كلية تكنولوجيا المعلومات
قسم شبكات المعلومات
الدراسة : صباحي



التجارة الكترونية Electric Commerce

مشروع تخرج مقدم إلى قسم شبكات المعلومات ، كلية تكنولوجيا المعلومات ، جامعة بابل ، كجزء لمتطلبات درجة البكالوريوس في شبكات المعلومات ، تكنولوجيا المعلومات
A Graduate Project Submitted to the department of Information Networks of the College of Information Technology, University of Babylon, in Partial Fulfillment of the Requirements for the Bachelor's degree in the Information Networks of Information Technology.

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Abstract

The rise of e-commerce has revolutionized the retail landscape, offering consumers unparalleled convenience and access to a global marketplace. This project focuses on the design and implementation of an e-commerce website specifically tailored for the furniture industry, aiming to bridge the gap between traditional furniture shopping and the digital shopping experience. The website provides a platform where customers can browse, select, and purchase furniture with ease, all from the comfort of their own homes.

This project employs modern web development technologies and practices to create a user-friendly, responsive, and visually appealing online furniture store. The system architecture is designed to ensure scalability and security, incorporating a multi-tiered structure that includes a presentation layer, business logic layer, data access layer, and data storage. The front-end utilizes HTML, CSS, and JavaScript to create a dynamic and interactive user experience, while the back-end is powered by ASP.NET Core and a SQL Server database, managing all business logic and data persistence.

Key features of the website include detailed product listings, high-quality image galleries, user reviews, and an intuitive checkout process. Special attention is given to the user interface

design to ensure that it is not only aesthetically pleasing but also functional and accessible on various devices, enhancing user engagement and satisfaction. Furthermore, the website incorporates advanced search functionalities, product recommendations, and customer support features to facilitate an easy and enjoyable shopping experience.