

## Republic of Iraq Ministry of Higher Education and Scientific Research University of Babylon College of Information Technology Department of Information Networks Morning Study



## ASP.NET تطبيق المزاد مبني على أساس الويب بأستخدام Web Based Auction Application Using ASP.NET

A Project
Submitted to the University of Babylon / College of information technology / Department of Information Networks in Partial Fulfilment of the Requirements of the bachelor's degree in Information Networks

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## Abstract

This project aims to build a web auction website application using ASP.NET technologies. The application will include a comprehensive system that allows users to create auctions, browse items for sale, and participate in bidding on those items. The project includes designing a database to store auctions, items, users, and bids, and connecting the application to the database using Entity Framework or other data access technologies. An authentication system is implemented to manage user accounts and provide application-level security. You build the user interface using ASP.NET Web Forms or MVC with pages that display auctions and enable users to bid and create new auctions. Auction logic is included to manage offers and bids, with optional consideration for real-time updates using Signal. The application is thoroughly tested before it is deployed on the web server using services like Azure or AWS. Overall, this project provides an opportunity to understand aspects of web and database development with a focus on building an efficient and secure auction system.