BidX- An Ultimate Auction Hub

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Abstract: *Online auction systems have revolutionized the way people buy and sell products and services globally. These systems enable users to bid on items in real-time, offering a dynamic marketplace model driven by competition. This paper presents a review of existing online auction platforms, their technological frameworks, feature sets, and user experience. The goal is to understand the evolution of these systems and explore the strengths and limitations of current implementations. The study also identifies emerging trends and technologies poised to shape the next generation of online auctions, such as artificial intelligence, blockchain-based bidding mechanisms, and augmented reality integrations. The analysis emphasizes the importance of trust, transparency, and usability in encouraging user participation.*

Keywords: Online auction systems, e-commerce, bidding algorithms, digital marketplaces, secure payments, real-time bidding, user trust, platform comparison