

# **Building an E-commerce application on smartphones**

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**Abstract:** In the context of the rapid development of mobile technology, researching and building e-commerce applications on smartphones has become an important trend. This project aims to design and deploy a fully functional e-commerce system on a mobile environment, meeting users' demands for fast and convenient shopping. Through a combination of theoretical research and experimentation, the project will focus on analyzing technical requirements, designing a user-friendly interface (UI/UX), and optimizing the user experience. The expected outcomes of this project not only provide a practical application solution but also contribute to the development of the information technology industry.

**Keywords:** Smartphone application, E-commerce, User Interface/User Experience (UI/UX)