

Design of communication system between mobile phone and peripheral devices

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Abstract: In the modern context, the necessity of tightly connecting mobile devices with peripheral devices to meet performance and convenience requirements is becoming increasingly important. This topic focuses on designing an advanced communication system between mobile phones and peripheral devices, aiming to solve the problem of providing an easy-to-use interface for users while optimizing data transmission quality. The research method includes theoretical analysis of modern communication models, combined with practical application deployment on mobile platforms. The expected results of this topic not only contribute to scientific and technological knowledge but also open up many opportunities for the mobile communication industry.

Keywords: Communication system, Mobile phone, Peripheral devices, Application deployment, User interface