

# **Building a data sharing application between Android, iOS, and PC on the Android platform**

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**Abstract:** In the digital age, the need for fast and secure data sharing between mobile devices and computers has become urgent. This topic focuses on developing a cross-platform application that allows users to easily exchange information between Android and iOS phones, as well as from these devices to computers via the Android platform. The project is carried out by integrating Bluetooth, Wi-Fi Direct technology, and APIs from both operating systems. The goal is to create a utility solution that contributes to optimizing work and study processes. The expected result is an application with a user-friendly interface and high security, providing significant support for data sharing activities between multiple devices.

**Keywords:** Cross-platform application, Data sharing, Android, Bluetooth, API