

SQLite query language application on Android operating system

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Abstract: This topic focuses on applying the SQL query language (SQLite) in developing mobile applications for the Android operating system. The context of the topic arises from the practical necessity of SQLite in fast and efficient data management on the increasingly popular Android platform. The research objective is to explore how to integrate and optimize the use of SQLite to enhance the data processing capabilities of mobile applications. The methodology includes theoretical analysis of SQL, database design, and implementation of practical experiments on Android Studio. The expected results will provide effective solutions for data management in mobile applications, making a significant contribution to the development of mobile technology.

Keywords: SQLite, Android operating system, data management