Application of Firebase in Android App Development-A Study

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Abstract

The web application has become more and more reliant upon large amount of database and unorganized data such as videos, images, audio, text, files and other arbitrary types. It is difficult for Relational Database Management System (RDBMS) to handle the unstructured data. Firebase is a relatively new technology for handling large amount of unstructured data. It is very fast as compared to RDBMS. This paper focuses on the application of Firebase with Android and aims at familiarizing its concepts, related terminologies, advantages and limitations. The paper also tries to demonstrate some of the features of Firebase by developing an Android app.

References


10. G. Harisson, “10 things you should know about NoSQL databases” dated 18/3/17.


Index Terms

Computer Science

Signal Processing

Keywords

Firebase, Android, RDBMS