

Build a real-time chat system using Firebase

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Abstract: In the context of increasing demand for fast and effective communication among users, this topic focuses on building a real-time chat system with the goal of solving the problem of instant interaction in a mobile environment. Through the use of Firebase technology, the research applies a cloud-based platform architecture to deploy the chat application. The approach combines theory and experimentation to ensure the system's efficiency and stability. The topic is expected to achieve the goal of enhancing user interaction, while also contributing to the development of chat technology in the digital era.

Keywords: Real-time chat system, Firebase, Mobile environment, Cloud architecture, Application research