

ABSTRACT

IMPLEMENTATION OF REAL TIME CHAT IN “OUR PAWS” APPLICATION BASED ON ANDROID

By:

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Dogs are one of the mammals kept by humans. however, there are still difficulties in finding information in finding a partner. Furthermore, finding a dog to be adopted is a major problem for adopters or potential adopters. Therefore, we need an application that has a dog search feature and information in finding a pair of pet dogs called our paws application.

Our Paws application applied Real Time Chat as a process to be able to communicate directly with application users. For the software development process using the prototype method, it included designing a modeling system using the Unified Model Language (UML), interface design, coding and program testing using the JAVA programming language and using a firebase database.

This application made it easier to find adopters to give up dog adoption and dog tracking services. The system built still had many shortcomings. Therefore, improvements and developments were still needed for further research, such as the addition of finding an adopter location and being able to make video calls.

Keywords: Real Time Chat, Dog Animals