

## ABSTRACT

House Rent is a promising business today, even more so in a crowded environment such as the environment of workers and students or students, therefore some people who have excess assets such as houses or vacant land that are converted into ready-to-live buildings choose to be rented out to people who need temporary housing. In a rent house service, it is commonly done with a payment system per year or its multiples. However, sometimes the rental property owners misplace proof of payment, which is usually sent through a messaging application. Renters also sometimes face difficulties in communicating issues within the rental property to the owners. To address this issue, a rent house management application is needed to assist the owners in managing the rent house more easily. “Go-Ngontrak” application was developed to overcome this problem. This application is designed to be accessed in real-time by both the owners and the renters to obtain accurate information regarding the operations that occur within the rent house. With the “Go-Ngontrak” application, it is expected that the interaction between the owners and the renters can be easier and smoother. To implement the “Go-Ngontrak” application, the author used the Kotlin programming language and the Android Studio application. The method used in designing this application with a waterfall system development cycle. The results obtained from the design of the “Go-Ngontrak” application is that this application can facilitate every activity that occurs within the rent house. Additionally, the owners can view data related to renters, complaints, chatting, and payments that occur in the rent house.

**Keywords:** Rent house, Management, Go-Ngontrak, Kotlin, Android Studio.