

ABSTRACT

MedisGo is an Android-based mobile application designed to facilitate homecare services for people with limited mobility, including the elderly, pregnant women, and patients with special conditions. This application enables users to request medical services at home—such as doctors, nurses, midwives, and physiotherapists—through features like location-based service requests, flexible scheduling, and digital payment integration using the Midtrans payment gateway. The development process included literature studies, interviews with healthcare workers and target users, interface design using Figma, and implementation using Android Studio with Kotlin and Firebase. The system architecture applied the MVVM pattern and utilized Firebase Realtime Database for real-time data synchronization. Application testing was carried out internally by developers and externally by medical personnel and user respondents to evaluate functionality and usability. Test results showed that MedisGo improves access to healthcare, enhances service efficiency, and increases user satisfaction in obtaining organized homecare services. The app includes features such as nearby medical personnel detection, medical history tracking, a rating and review system, and admin-controlled staff management. MedisGo is expected to become an inclusive and efficient digital solution for homecare services in Indonesia, helping the public access healthcare without the need to visit medical facilities physically. It also streamlines coordination between medical personnel, patients, and administrators in a single mobile platform.