

Development of a Mobile Based Patient Administration Software System (Case Study: Gurubansa Healthy Studio)

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ABSTRACT

The Sanggar Sehat Gurubansa patient administration system application is a software application designed to manage the administrative data of Sanggar Sehat Gurubansa so that it is more structured and organized. The administration system here is in the form of managing Studio patient data, medical records and payments. The purpose of this research is to develop the administration system of Sanggar Sehat Gurubansa by replacing manual handwritten processes with a mobile-based system. The system development method currently used is the Waterfall method. The Waterfall method is a step that must be done sequentially one by one (you cannot move on to the next part before the part you are working on is finished). The data collection methods applied in the administrative management process of Sanggar Sehat Gurubansa are interviews, location surveys and literature studies, while the system testing method uses black box analysis. This program was developed using several tools, including Android Studio, XAMPP, VSC and MySQL as the database. So that in the end the application developed can provide the information needed by Studio Sehat Gurubansa users quickly and efficiently.

Keywords: *Administration System; Medical records; Android; Java; MySQL*