

## ABSTRACT

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*Pharmacy Mitra Keluarga Clinic Pekanbaru is a public health agency which task is to provide decision-prescription of Mitra KeluargaClinic Pekanbaru. These pharmacies provide drugs to be taken by patients who seek treatment Telkom Health Foundation Mitra Keluarga Clinic Pekanbaru. Currently recording process ordering, receiving, and returns to the drug suppliers as well as data recording medications taken by the patient still manually to record all medication data recording to the data resulting book is not neatly arranged so that it will have difficulty when searching the necessary data. To overcome these problems it will be built applications that can only be accessed by a pharmacist and has a function to perform data recording ordering, receiving, returns and taking drugs and also to simplify the search process drug data. This application is also able to assist in checking the drug stocks with display detailed stock of the drug. Further, the application is able to generate a monthly report ordering, receiving and returns of drug in the form of recap data. This application uses the Java programming language and MySQL database. The method used is the waterfall and tested using the Black Box Testing. After testing, the application will be run as a desktop application in Pharmacy Mitra Keluarga Clinic Pekanbaru. The author hopes this application can provide convenience to the Pharmacy Mitra Keluarga Clinic Pekanbaru*