

IMPLEMENTATION OF THE FIRST IN FIRST OUT (FIFO) ALGORITHM IN THE JUNTINYUAT PUSKESMAS PATIENT REGISTRATION QUEUE APPLICATION

BAIHAQI

*Informatics Study Program, Faculty of Science & Technology
University of Technology Yogyakarta
E-mail : ubaibaihaqi88@gmail.com*

ABSTRACT

The rapid increase in the development of information technology has played an important role in many activities, where information systems support increased efficient performance, capability and craftsmanship for various companies. One example of the most important sector on the health side that is run and paid attention to by the government, namely the Development sector, has great potential to be combined with the introduction of information technology. The Juntinyuat Community Health Center is a central health service in Indramayu Regency which is an example of a company currently being developed, however, the Juntinyuat Community Health Center still uses conventional methods for recording patient data, causing quite long queues. In this research, an Android-based patient registration application at the Juntinyuat Community Health Center will be designed using the Kotlin programming language, then the Juntinyuan Community Health Center application will also be designed using the FIFO (first in first out) algorithm.

Keywords: *Information Technology, Community Health Center, Kotlin, Android, Fifo.*