Rancang Bangun Sistem Informasi Pendaftaran Pasien Rawat Jalan Berbasis *Web* Dengan E-Kib Di Puskesmas Botolinggo Bondowoso (*Design and Build a Web-Based Outpatient Registration Information System with E-KIB* at the Puskesmas Botolinggo Bondowoso)
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ABSTRACT

Information systems have been developed rapidly and now play an important role in many operations that improve performance, efficiency, effectiveness and productivity for various fields including in the health sector. Based on a preliminary study conducted in December 2021 at the Botolinggo Health Center, the researchers encountered problems, namely the patient registration process and patient data processing carried out by the registration officer still manually. The use of KIB is also still minimal, namely using sticker labels that only contain medical record numbers. These two problems can make it difficult for officers because it causes the registration process to take longer and is vulnerable to human error so that the information produced becomes inaccurate. This study aims to design and create a web-based outpatient registration information system by utilizing e-KIB equipped with a QR code which is expected to help solve problems caused by manual recording and processing of medical records. The type of research used is research and development with the Waterfall development method. Data collection techniques using interviews, observation and brainstorming. The results of this study are a web-based outpatient registration information system with e-KIB equipped with a QR code with the aim that patients can access their KIB easily, just log in to the smartphone according to the registered account then the officer will scan the QR code to register visit.

Keywords: Registration, Information System, E-KIB