

ID 498

Facilitating Interaction between Medical Reps and Health Professionals through a Drug Management System

LR Mohammed^{1#}, D Gunasekera¹ and N Wedasinghe¹

¹Department of Information Technology, Faculty of Computing, General Sir John Kotelawala Defence University, Sri Lanka

#36-it-0024@kdu.ac.lk

One of the crucial components of healthcare that needs to be managed correctly and efficiently is medication. The drug management system, also known as the drug information system, is a system that stores data and enables functionality that organizes and maintains the medication use process within pharmacies. Some businesses sell medications despite not having pharmacies without a prescription, purchased. It may be found in a pharmacy's standalone building or elsewhere in the same complex. Additionally, there are other places like a pharmacy, a doctor's office, or hospital druggists are licensed. Registered pharmacists are those who have registered with the pharmaceutical council. But since this is a title that is only granted upon the successful completion of rigorously national, practical, and legal studies, this research conducted a survey with a list of 5 questions sent to professionals in the medical sector to find out the impact of Drug Management System (DMS) in the healthcare industry. Researchers have identified that approximately 81.1% of the respondents of health professionals believe that DMS can provide more accurate and fast diagnoses and reduce the healthcare workers workload. Moreover, pharmacists must always be on the lookout for fake prescriptions that addicts who are attempting to obtain narcotics and other prohibited substances unlawfully. Additionally, the pharmacy indicates that it is engaged in professional pharmacy practice. The appeal of pharmacy is strong. We now have the ability to swiftly and effectively acquire or collect huge volumes of information linked to patient care, evaluate it, transfer it, and store it.

Keywords: drug management systems, artificial intelligence