

Hospital Clinic Patients Management System

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Abstract. Our Country Sri Lanka Provides health facilities freely for all citizens. And this is an immense service for most of the people of the country as most of the people are benefited from these free health services. Each hospital in Sri Lanka holds clinics for patients. Those clinics are categorized as diabetic, heart, pediatric, dermatology, and mental disease clinics. But there are lots of issues regarding these services. One of the main problems is still using manual-based paperwork Systems, especially in hospital clinics. This process takes at least 4 hours per patient according to the research done with some selected patients at selected clinics. It means the patient has to wait and spend at least 4 hours to meet a doctor and take medicine. This manual-based paperwork system is extremely time-consuming. In this paper, it is proposed to make this process efficient by introducing a Hospital Clinic Patients Management System (HCPMS.). This system is mainly focusing to manage clinic patients of hospitals. This paper presents a clearer clarification of the objective of this study, of building an automated system instead of the existing manual system and introducing a smart card with Radio Frequency Identification (RFID) technology and what is the relevance and motivation of this study. Furthermore, the paper presents a summary of the literature survey conducted based use of an automated HCPMS. instead of using a manual-based paperwork system. This part will clarify how other related analysts have embraced to settle this issue by applying different methodologies. The last part comprises the finish of the apparent multitude of accomplishments and the disadvantages of the investigation done up to now, trailed by a conversation of the whole examination work introduced in the paper. Finally, it is expressed about what are the new directions for the proposed project is, after the investigation directed on every one of these surveys.

Keywords: *Hospital Clinic Patients Management System (HCPMS.), Radio Frequency Identification (RFID), Smart Card*