Third Eye: A Digital Platform for Managing Medical Histories

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Abstract

In Nepal, most medical records are handwritten by doctors, making them vulnerable to loss and mismanagement. This lack of systematic record-keeping can lead to misdiagnosis, especially in time-constrained situations such as emergency services. The adoption of Electronic Medical Record (EMR) systems can significantly enhance healthcare delivery by allowing medical professionals to access and navigate patient histories quickly and reliably. In this work, I propose the development of a platform called 'Third Eye', designed to store and manage the medical history of patients in a secure and centralized manner. The system will enable authorized doctors to access patient records across different hospitals, fostering better continuity of care and informed medical decisions. The core issue this work addresses is the fragmentation and inaccessibility of patient data, which not only hampers the quality of care but also increases the risk of medical errors.