

Building a patient information management website for Thai Nguyen Central General Hospital.

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Abstract: In the context of increasingly advanced healthcare and the demand for management efficiency, this study focuses on building an online patient information management system (EMR) to support the operations of Thai Nguyen Central General Hospital. The main objective is to improve the quality of medical services and enhance the efficiency of information management. The research methodology includes requirement analysis, system design based on the UML model, and software application deployment using front-end technologies such as React and back-end with Node.js. The study is expected to provide a practical solution to optimize the patient information management process, contributing to improving the quality of healthcare.

Keywords: Patient Information Management System (EMR), Software Technology, Thai Nguyen Central General Hospital