

Building a program to support contract-based examination management for Thai Nguyen University of Medicine and Pharmacy Hospital.

Vu Thi Thuan

Abstract: In the context of the increasing demand for managing contracted medical examination and treatment at hospitals, this project aims to research and design a support system for managing contracted examinations specifically for Thai Nguyen University of Medicine and Pharmacy Hospital. The project's objective is to improve management efficiency by automating the registration, payment, and patient record management processes. The approach includes analyzing real-world requirements, designing the system based on object-oriented principles, and deploying the application at the hospital to evaluate its effectiveness. The project is expected to create a unique solution that enhances the quality of medical services while reducing the workload for management staff.

Keywords: Contract-based examination management, support system, Thai Nguyen University of Medicine and Technology Hospital, process automation, performance improvement