

Building software to support remote medical examination

Tran Dang Tham

Abstract: In the context of healthcare services undergoing a strong transition to online and remote formats, this topic focuses on building a software system to support telemedicine. The objective of the research is to develop a digital platform that enables doctors to diagnose and consult patients remotely through tools such as video calls, text exchange, and medical data analysis. The approach includes synthesizing existing knowledge in the fields of medicine and information technology combined with experimental implementation to evaluate the system's effectiveness. The expected results will significantly contribute to improving the quality of healthcare services, especially in remote and underserved areas with limited access to hospitals.

Keywords: Telemedicine support software, health information technology, medical video call, remote diagnosis