

Building a geographic information system to manage medical centers in Thai Nguyen province.

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Abstract: In the context of increasingly developed healthcare, effective management of medical centers is an urgent issue. This topic focuses on building a Geographic Information System (GIS) to support the management of medical centers in Thai Nguyen province. The objective of the study is to improve service quality and operational performance through the practical application of GIS technology. The method combines theoretical research with experimental deployment within the province. The project is expected to bring significant value to local healthcare management, while also contributing to the body of knowledge on GIS applications in the healthcare field.

Keywords: Geographic Information System (GIS), Medical Center Management, Thai Nguyen, Information Technology, Applied Research