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This research was conducted to determine current problems with nursing documentation at Central Hospital. The current procedure was analyzed and a new system was designed and developed to meet users' requirements. In conducting this research, the researcher dealt with background data collection in four categories, namely, patient history, medical treatment and nursing care, problem analysis of the existing procedure of data collection and the development of a feasibility study. Following a system analysis, a data flow diagram was designed by the researcher whereby a system process was presented in a flow chart form. In designing a new system, the researcher used the Graphic User Interface (GUI) for interface design and the Microsoft Access97 relational database with 3 NF normalization for database design. Also, Visual Basic version 6.0 was used for developing the application.

The results of this study suggest that a patient care database system should have a network system (LAN) for providing medical information from doctors to nurses so patients' health assessments can be done more effectively. This software application development can be further improved for initiating tripartite information comprising patient history, medical treatment and nursing care. The information system can be further improved by a database system to which this software application may be applied.