

การวิเคราะห์และออกแบบระบบงานคอมพิวเตอร์ สำหรับโรงพยาบาลทันตกรรม

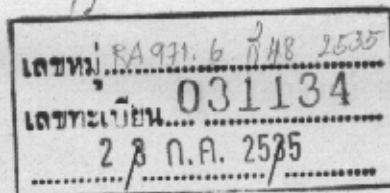
มหาวิทยาลัยสงขลานครินทร์

System Analysis and Design for Dental Hospital

Prince of Songkla University



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มหาวิทยาลัยสงขลานครินทร์

Master of Science Thesis in Computer Science

Prince of Songkla University

2535



Thesis title    System Analysis and Design for Dental Hospital  
                  Prince of Songkla University  
Author            Mr. Somkiat Charoenjit  
Major program   Computer Science  
Academic year   1991

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Abstract

The Dental Hospital at Prince of Songkla University provides purely a dental service. It was opened in 1986 and is now in the process of expanding its organizational capabilities. Part of the expansion will include an installation of a computer system. The objective of this thesis is to analyse and design an information system for the Dental Hospital. The process starts with the study of present system, followed by requirement analysis. Computer needs of each division and unit in the Dental Hospital are determined. The design phase then follows. This includes the design of report forms, input forms and file structures. The programs needed and their functions are specified. Lastly, a LAN consisting of 2 file servers and 38 workstations is recommended together with criteria to select software for implementing the system. The Dental Hospital can use the result of this study to computerize its work in the future.