

ABSTRACT

This study focuses on the design of a parking management information system for Telkom University using the Rapid Application Development (RAD) method. Telkom University, a renowned technology and communication-focused institution in Indonesia, faces challenges in managing the increasingly complex parking needs due to the growth of students, staff, and visitors. Issues such as parking disorganization, lack of information about parking space availability, and difficulty in monitoring usage need to be addressed.

The purpose of this research is to create a web-based design for a management information system capable of managing and storing parking User data at Telkom University. The Rapid Application Development method is employed in the development of this system, with data collection conducted through interViews.

The outcome of this research is a design for a parking management information system that can display real-time parking space data and vehicle capacity. This system also assists event organizers in reserving parking spaces and optimizing parking usage through enhanced scheduling.

The primary contribution of this study lies in providing a more effective and focused solution for Telkom University's parking management, which will support congestion reduction and improved scheduling.

Keywords: Management Information System, Parking Space, Rapid Application Development, Parking Management.