

ABSTACT

Telkom University or commonly known as Tel-U is a private tertiary institution located in Bandung Regency, West Java. Telkom University provides various kinds of complete and quality facilities. Parking facilities are one of the facilities that are very important and are interconnected with other facilities. currently the logistics as the manager of the parking facility does not have a data collection method. Without a structured data collection and management method, information related to parking use is difficult to obtain. This also resulted in the logistics being unable to analyze the occupancy rate and the analysis of busy hours that occurred at the Telkom University parking lot.

In designing this system, the method used is the waterfall system development method. The use of this method has 5 stages including planning, analysis, design, implementation, and testing stages. The methods used as system testing are blackbox testing and user acceptance tests (UAT).

The design result of this Final Project is a Telkom University parking facility management information system. This system has menus and features that can display various information regarding parking area data, parking usage data, parking space utilization data that can be used for event purposes, and data search features.

This information system can facilitate logistics as the problem owner in collecting and managing data. The system can also be used for periodic parking usage reports. Stored data can be used as material for logistics analysis and decision making.

Keyword — Management Information System, Waterfall, Parking Manajement, Facility