ABSTRACT

In an area or building, parking is a vehicle stop where the community perform various activities. One example of the area with various activities ie shopping area. The attractiveness of the area with the level of mobility of goods and people, thus creating a dense traffic movement in the region. In the shopping area, visitors who will put their vehicles in search of the parking area are sometimes difficult to find a place or parking space that is available for short because many vehicles are parked in the area, so visitors must spin to get the space or parking lot.

The existence of a system that can allocate to the parking space, can make parking efficiently, easily and quickly, but it also facilitates the enforcement officer who is in the parking area in helping to place the vehicle because it has obtained parking space information displayed on each parking area.

The process of designing information systems of vehicle parking allocation starts from analyzing the needs of using Modern Structured Analysis, which in that stage defines the data flow, system scope and relations of actors that can be described by using Data Flow Diagram (DFD) according to Edward Yourdon.

This research resulted in the design of information system of vehicle parking allocation that can facilitate the officer in managing parking, and the visitor in putting the vehicle. This research can be a reference for further research, that is application builder that support information system of vehicle parking allocation in shopping building.

Keywords: Parking, Parking, Allocation, Information System, Shopping Building, Parking Space, Modern Structured Analysis.