
Abstract

Today technology has helped a lot in completing human work, for example the Smart Parking System (SPS). SPS is a service that can provide information about parking locations available to the prospective parking users. Whereas when the user is going to go out from the parking location, they cannot find out the location information of the parking lot. Lack of location information for prospective parking users. In applying technology, information is really needed to maximize the utilization of the technology itself. This time, SPS provides information only at the beginning. So that it will confuse the parking users. The importance of information in technology. SPS currently only has a few informations and can only be known by the administrator. Then it is recommended to add parking location information that can be displayed for parking users. The placement of the current parking information screen is only used to get the location and is known by the administrator but it cannot be displayed by parking users. It is expected that the management of parking information can help both parking lot users and parking administrators in getting information Database management for. In information retrieval, of course, requires a system and container to manage and store the data. The system that has been created is an interface system for information of parking lot layout and database information that has been managed so that it can receive and send the data from the used device in order to make it as an information that can be displayed. Information that can be displayed for users and managers. It is obtained a screen of information that can be accessed by users and administrators to find out layout of the parking lot and location of the parked vehicle. So it doesn't take a lot of time to look for a vehicle when they want to go out.

Keywords: Smart Parking System, RFID, Mini PC, database
