Abstract

The existence of a conventional parking lot is often difficult for the user itself. Estimated at a mall or shopping center has a parking space for cars in the basement parking area of 647 SRP (total 797 SRP). Maximum accumulated value of 711 vehicles, maximum duration of parking car that occurred for 321 minutes, while the average duration of the car park for 105 minutes.

Therefore, our team created the solution of an android based application where this application is helpful to the driver in searching for empty parking space in a basement, especially if the basement is beritngkat. Users or users will receive data in the form of parking availability through androidnya application, and this app is connected to the server. For making this application we take advantage of Internet of things.

Keyword : basement, android, internet of things.