

ABSTRACT

Transportation is a basic necessity that is very important for everyone today. With the transportation, will allow users to travel to where they want to go. But today many users have their own private transport and prefer private transportation rather than using a transportation service so this raises a new problem that is jamming. This congestion occurs because too many private transport users are crowding the highways. Therefore, the government gave an appeal to the public to solve this congestion problem by appealing to the public to use transportation services so that the number of private transportation on the highway is reduced. But public interest in the use of transportation services is still lacking. One of the factors that diminish public interest is due to the lack of accuracy of information provided by transportation services.

Given this condition the authors are interested in making an innovation to overcome the problem, by way of making a stop or a stop is a "smart stop", where at this stop there is an information system of transportation arrival estimation that serves to provide information when transportation will arrive more modern and precise. This system works through the web so that it can be accessed by every user through their own device, making it easier for users to monitor the arrival schedule of transportation they want to use. Given this system will increase the user interest of transportation services so that the number of private transportation users will be reduced and congestion on the road will be reduced.

The success parameter of this research is able to send and receive data with a little error data sent and received on web server which will be displayed on web page.

Keywords: Smart stop, Information Systems of transportation arrival , Web server