

ABSTRACT

Battery Management System (BMS) requires fast realtime monitoring, therefore it requires applications and networks for remote logging to monitor battery activity. BMS if there is no monitor system will complicate the monitoring system. The solution is to create a system that supports IOT-based BMS monitoring. This final project aims to use the blynk application to make it easier for users to monitor battery conditions. The results of the scenario through the blynk application can display the average value of the voltage sensor = 3V, current = 25073.28mA, and soc = 30% and the user can monitor from a smartphone that has been integrated by the blynk application.

Keywords: Monitoring System, Web Application, IoT