IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.301
Volume 3, Issue 13, May 2023

Electric Vehicles Charging Station to Swap the Battery Using Mobile App

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Abstract: *This Project proposes Continuous Battery Monitoring System to identify the battery condition. The Continuous Battery Monitoring System is able to detect the battery failure during the early stage of the event. The Continuous Battery Monitoring System will monitor the battery's voltage continuously. Measuring the voltage of the battery is the specialty of the proposed Continuous Battery Monitoring System for early battery failure detection. With that, the system will be able to measure the battery's capacity and will be able to measure the left-over capacity. The Monitoring System to allow the system to operate at real time basis and as well as monitor the battery's voltage continuously. In addition to this we are developing android app for battery slots availability and payment mode option, the payment amount will be send to the station, if payment is successfully paid means GCM Google could message will send the SMS to user.*

Keywords: Electric Vehicle, Battery Management Systems, Impacts and Challenging Issues, Battery Efficiency.

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