

Title: Web-based UM Motorpool Monitoring and Preventive Maintenance System, Mobile Application with GPS Vehicle Tracker

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ABSTRACT

Preventive Maintenance is an overall maintenance done in a vehicle which is important to evade such future problems that might cause not just the vehicle itself but also the person on that vehicle. Because of its importance researchers proposed a system which eventually helped the University's department who take care the University's entire vehicle.

Web-based UM Motorpool Monitoring and Preventive Maintenance System, Mobile application with GPS Tracker is the system proposed by the researchers that aims to provide fast, reliable and efficient results.

Based on the researchers' study, the system came up with satisfying results providing the UM Motorpool real-time updates and notifications making sure that the monitoring and preventive maintenance is up-to-date and tracking of the vehicles whereabouts is attained. It is also noticeable that it is indeed helped the department in making the processes faster, reliable and efficient.

Keywords: UM Motorpool, GPS, Preventive Maintenance, Web-based Application, Android-based application, Navigation