

ABSTRACT

At this time testing the mechanism of motor vehicles and their administration is done manually and less efficient. Inspection of vehicles starting with the filing by the employee so that the work becomes very much. This method is very tiring. While the condition of motor vehicles tested very much. Thus need a system that can handle the management of both accuracy and speed. Android is open source, thus allowing anyone to be able to develop a wide range of applications such as gaming, multimedia, GPS and others.

Android than can be used for gaming, multimedia and others can also be used as a data processing. By implementing the SIM-PKB (Vehicle Testing Management Information System) in android it will produce an application that can replace the current testing system. With this application, the employee simply enter the input from the output data can be generated to test equipment data testing. In this way, the test vehicle can be done more quickly and efisien. Overall this application using Android smartphone with the programming language Java and the Android SDK. Servers built with programming languages (Hypertext Preprocessor) PHP, (Structured Query Language) SQL and (Extensible Markup Language) XML.

The results of this final form of software applications that act as substitutes for due diligence testing systems of motor vehicles. From the test results of alpha, beta and application performance showed that applications can run all functions and features. This application can search motor vehicle is listed, then do the test and the test results are issued.

Keywords: Android, Java