ABSTRACT

Nowadays the role of technology is needed along with the continued development of innovations to create newer technologies. With the aim to make it easier for humans to find all activities using technology. Regarding the technology applied to vehicles. Without exception in cars, along with the development of the era of car production always add new technology to each car.

The production of cars published in the past 3 years has had many innovations and the application of more sophisticated technology compared to cars published 5 to 10 years ago. The difference that compares between new and old issue cars is that one can be seen in systems supported by car engines and car door locks. New cars use the engine start button system, while older cars still use the ignition system to start the engine. One that is often experienced by car owners of old publications is the car key and the damage to the ignition of the car involved in using it for too long.

Based on the thoughts that occur in the old car owner of the author wants to do the latest innovation in the world of technology. One of them is overcoming these problems. By implementing the Digital starter car key Design and Implementation using the Android Application.

From the results of tests that have been carried out on the digital starter car key system using the Android application to turn off and turn on the car ignition and start the car engine, it can be ascertained that the tool is functioning properly. And it has a success rate of 100% and an average delay time of 61.2 seconds in 30 tests.

Keywords: Digital starter car key, Android Application, Arduino Uno.