ABSTRACT

The development of Android game applications or Android games is growing rapidly along with the emergence of Android. Various types of games can be developed, one of which is a type of educational game. But with the screen size of an Android smartphone included in the small category, which is in the range of 5.1 inches - 6.3 inches. In this case the author developed a game application that can be enjoyed with a wider screen. "Car Code Racing Game Application" is an educational game application on Android, which is able to help novice programmers to more easily learn Mobile Programming material using games. The Car Code Racing application uses display on the web as a server. So it needs a laptop or monitor device connected to the internet to display the game, and also one or two Android smartphone devices to control the game. When playing, there are several conditions so that questions with Mobile Programming material will appear and must be answered by the player to operate the car.

Keywords: Android, application development, Mobile Programming, smartphone screen.