ABSTRACT

Silat application based on Android Based is an application that type games Action Game which is devoted to teens. This application serves to provide information about Pencak Silat, school of Pencak Silat in Indonesia, basic movements, and the rules of the game. This application is built using HTML and using PhoneGap as a composing tool supporting HTML5 applications to Android. The process of developing a mechanism in the game is done with Construct 2, while the design process and display objects made with Adobe Illustrator, and the testing process is done in two stages, testing system applications made on Android-based smartphone and the desktop, which is tested on the internet browser, Google Chrome , and the testing of the user who made by asking questions about the application and also the benefits of these applications, it is done by giving questionnaires to 10 people.

Keywords: Games, Action Games, Android, HTML5.