ABSTRACT

Gamelan is a traditional musical instrument of Indonesia. This traditional musical instrument is derived from Java region, like Central Java, East Java, and Daerah Istimewa Yogyakarta. Gamelan consists of several musical instrument devices like Bonang, Gong, Saron, etc. The price of each device is also expensive. Some reliable people who played gamelan is needed to play this musical instrument. No one can not directly play it proficiently without consistent learning how to play this musical instrument.

In this final project created an android based device simulation gamelan. Not only simulation, but there are also educational games to learn gamelan that like Guitar Hero game. In this application, there are two main menu that consist of learn menu and play menu. In the learn menu, there are more menus whose content is for learning, such as language used menu to select the language when learning gamelan, then the video menu which contains tutorial videos how to play gamelan, and the device menu that contains four simulation gamelan instruments provided. While the play menu is a menu to play educational gamelan game match the track provided.

Judging from the results of testing and research, this application can help users learn about the gamelan learning. On the other hand, this application is also attractive in terms of appearance (User Interface), systems, and gameplay from the game menu provided.

Keywords: *Gamelan*, game, android.