

ABSTRACT

SMAN 1 DayeuhKolot is one of senior high school in DayeuhKolot subdistrict who currently use the laboratory is in the development of activities so that the process of lab work can only be done in the classroom. Especially when activities physics lab work required a medium an intermediary to help lab work so that activities can walk on schedule and students can understand the subjects given. The purpose of the end of this project is to presenting android application based that there are learning material application of the study of physics with certain cases, and exercises about the assignment with media and interactive interface and can display student data and value that in a can of the assignment. In addition the end of this project aimed at making the application of physics based android as alternative media learning that can help students 10th class SMAN 1 DayeuhKolot. The construction method used of this project is a prototype model. The Steps are: (1) listening to customers (2) build, fix the prototype (3) customers test the prototype. The study is done in SMAN 1 DayeuhKolot involving 10th students. The methods used in data collection is the method interview, observation and literature study.

Keywords: Learning Media, Physics, Eclipse, Mobile Application, Android, SDK