

ABSTRACT

Technology and Science are growing in this modern era given its own color in the field of education. At this time, the education sector has been supported by the use of appropriate technology, for example the use of an application or a game used by teachers and students in the learning process. SMA Sandhy Putra is one of the senior high school in the area of Telkom School in Dayeuhkolot Bandung. Learning process that applied in SMA Sandhy Putra Telkom Bandung is still centered on the subject teachers of Technology, Information, and Communication. So that makes the students have difficulty in learning and easily bored when teacher explains the lesson. Therefore, create an educational game application that can be used by senior high school students of Sandhy Putra especially on the subject of Technology, Information, and Communication on the hardware introduction to access internet for grade XI (eleven). This educational game application built using the software development tool RPG Maker VX Ace. The results of this educational game application can be made of learning media that is self as they are role playing game that can make learning process about Technology, Information, and Communication more interesting and can be used as a companion book.

Keyword : Educational Game, Technology Information and Communication, SMA Sandhy Putra, RPG (Role Playing Game), RPG Maker VX Ace.