Penerapan Metode *Scaffolding Metacognitive* pada *Pedagogical Agent* dalam Memfasilitasi Pembelajaran Bahasa Indonesia (Studi Kasus: SMKN 4 Bandung)

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Abstract

The importance of language as a means of communication encourages the teaching of Indonesian language at all levels of education in Indonesia. However, the low level of self-efficacy is a major obstacle in learning this subject. This research tries to overcome the problem by utilizing pedagogical agent, a learning technology in the form of virtual character or text, and applying metacognitive scaffolding method. Previous studies have shown the effectiveness of this method in improving self-efficacy levels. This study aims to develop a pedagogical agent in the application, measure the level of self-efficacy and determine the impact of using a pedagogical agent with the use of metacognitive scaffolding methods on students. To measure the level of self-efficacy, an instrument is used, namely GSES (General Self efficacy Scale). Then the results of the questionnaire will be processed using winsteps tools. In addition, student discussion data will be processed using the qualitative content analysis method. The results obtained were that the students' level of self efficacy increased.

Keywords: self efficacy, pedagogical agent, scaffolding metacognitive, qualitative content analysis, tools winsteps