ABSTRACT

DEVELOPMENT OF INTERACTIVE MULTIMEDIA APPLICATIONS FOR CHILDREN WITH SPECIAL NEEDS (MENTAL RETARDATION, DEAF) BASED DESKTOP (SLB STATE CASE STUDY 1 KARAWANG)

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State slb 1 Karawang which is located in the village Kp.Salagedang deformed Karawang district is Extraordinary School (SLB) which aims to create an atmosphere of learning and the learning process so that all students (including students with special needs) at the school is actively developing the potential for him to have religious spiritual strength, self-knowledge, personality, intelligence, noble character, and skills needed him, society, nation and state.

The approach of development of this application follows closely to a method created by Luther Sutopo. This application has five main menu, which are "recognize numbers", "recognize letters", "learn to count", "Evaluation", and "Simulation". The testing phase is done using Black box method and inquiries for the users, or simply known as interview.

Based on the result of this research, it is concluded that this application does what it was intended to do, it helps the teachers and mentors in training the student for better understanding..

***Keywords**: Children with special needs , interactive multimedia*