*ABSTRACT*

# *DEVELOPMENT OF E-LEARNING MANAGEMENT SYSTEM BASED LEARNING INSTITUTE IN LEARNING MENTORING PROGESSIO*

**by**

**ADITYA RIAN WIBOWO**

**10107225**

*Progressio Institutions headquartered in jl. A.H Nasution no. 228 Ujungberung Bandung and has offices in jl. Terusan Buah Batu no. 282 Cipagalo Bandung, is a tutoring agencies engaged in education. In this time the technology is very influenced for the present education or learning. The education is cloud be more powerfull, if it collaborated with the technology. E-learning is the one of the learning method and it was influenced enough for education thing for now, especcially for non formal education institution and formal education institution. It can't event be impposible if E-learning was used to Progressio education intitution. The difficlty to acces the lesson for student and, it's very hard to comunnicate between teacher and student, was the one of many problem for the reason of online learning media reason.*

*Technology in distance learning strategies to use E-learning-based learning management system. For software research methodology using waterfall, while modeling the data using a structured method that is Entity Relationship Diagram (ERD) to describe the data model and Data Flow Diagrams (DFD) to describe the functional model.*

*From the test results, Website E-learning can help students to get information about the material, quiz questions, about the tryout and banksoal offered by the Institute of Education Progressio, facilitate student and faculty in teaching and learning in distance learning process and help improve the quality of Progressio student learning.*

*Key words: learning, education, e-learning, e-learning, online, LMS*