

## **ABSTRACT**

*Learning method used in college generally still using conventional method that require student to come to the class. Listenning teacher tell the subjects and do the assignment which is given by the teacher. This method makes the students bored, lazy to come to the class and fear to ask a question. When it happens then objectives learning will be not achieved, because of some factor that, learning method which is used is not suitable, teacher factor, delivery of the subject is not interesting and boring. Learning proccess by using internet which is usually called e-learning can simplify to study without face to face and freely without beeing tied with time and place. Multimedia materials which is delivered will be more interesting and not boring.*

*To improve the quality of human resource, IT Telkom established professionalism. This time delivery method of training materials in IT Telkom professionalism is still using conventional method which can effect campus spend more money to do the training and the materials are not effectively deliverd because cannot be accessed anytime and anywher. One of the professionalism in IT Telkom is java developer and enterprise architecture and Spring Framework is one of the materials which is deliverd in this professionalism. Industry requirement in Spring Framework is increasing, in the other hand resource that exist still low. Building java learning software multimedia based is the solution from that problem. Method will be used to developing it will use ADDIE Instructional Design Model. This Method consist five steps, analysis, design, development, implementation, evaluation. Result to be achieved is to increase support of training student about Spring Framework with new method.*

*Keyword : E-learning, Learning Multimedia Software, Spring Framework, ADDIE Instructional Design Model*