

## ***ABSTRACT***

*Integrated Distance Education Application (IDEA) is an electronic learning based on website owned by Telkom University. Based on observations and interviews with the developers of the applications, namely SISFO represented by Mrs. Amarilis Putri Yanuariputri as Assistant Manager of Non Academic Information System Development, shows that during the IDEA is used, there are still functional constraints. Functional constraints that occur are caused by IDEA development process that does not follow all the stages that exist in the Software Development Life Cycle (SDLC). The stage did not done the feasibility study and in the process of getting requirement, non-involvement of students and lecturers that the system user in the data collection, so the user needs does not covered properly in the system.*

*Based on the importance of Requirements Engineering (RE) in the SDLC, then the writer did the evaluation of IDEA RE process, so the solution that proposed is improvements to the RE process that is running on e-learning IDEA Telkom University nowadays. The proposed tool is an implementation of the draft and desain to assist the process of RE at IDEA named Requirement Engineering Mangement Tools (REMT). Development of REMT is using cyclic requirement process models, in order to keep on evaluate and address changes in requirements that exist in the IDEA, the stage of RE is Elicitation, Analysis and Negoitation, Modeling Requirements and Management Requirements, but it is not all automated in the system, so user involvement is needed. Research will be tested to the stakeholders of IDEA using the User Acceptance Test (UAT), as well as providing satisfaction questionnaire of using REMT with appropriate indicators of quality targets in RE which using weights composition. Results of the test will be processed by Likert scale to analyze whether REMT able to facilitate the process of RE at IDEA.*

*The results of this research show that REMT can help simplify the process of RE at IDEA which enable users to deliver their requirements and facilitate the developer and owner in managing the requirements of idea, seen bythe results of REMT questionnaire responses.*

***Keywords:*** *Integrated Distance Education Application (IDEA), Evaluation, Requirement Engineering (RE), Acceptance test, Likert scale*