

## **ABSTRACT**

*Telkom University (hereinafter referred to as Tel-U) is a private university in Bandung. To obtain a Bachelor's degree from Tel-U, students are required to make a study called Mini Thesis, where students will be held accountable as a result of learning during the learning in Tel-U. In this study, students (especially students of the faculty of Information Technology) will undertake the guidance of the supervisor. A supervisor can guide more students to research topics are the same or different. Students are guided by the lecturers to the same topic requires a learning process in groups to facilitate students in completing their Mini Thesis. Learning in groups called collaborative learning. In a collaborative study involving many students, so that the interaction between students. These interactions can be monitored and controlled by the sisters.*

*In the construction of such a system would be to design the architecture of software that aims to reduce or estimate the cost of developing the system. Designing software architecture will be carried out with Extensible Architecture Description Language (xADL).*

**Keywords: Mini Thesis, Systems, Collaborative Learning, Extensible Architecture Description Language (xADL).**