ABSTRACT

Not a few people are turning towards Android-based smartphones, because it's the ease that presented, start from social content, entertainment, eventhough education of children. Education, research, and society service that we know with college Tridharma, now it's sufficiently developed to use android. However, the obstacles are still at least human resources to develop Android applications. As well as the implementation of a mentoring course Islam in Telkom University of Applied Sciences Faculty of the manual in its management. Therefore mentoring Android-based application built as a data collection application with features including providing data collection forms, ranging from the value of the implementation of mentoring, the evaluation of daily worship and summary data. This application development use Intel XDK HTML5 programming language and MySQL as data storage media. Application which called Mentoringdroid *is expected to be data application of mentoring for Muslim students, mentors and mentoring Agency Telkom University Telkom Applied Science School.*

Mentoringdroid *is also provides the other features, such as diagrams mentoring (mentee) attendance, insert mentoring participants by automatic and manual searching menu that the function to facilitate mentor and BM in finding data. The method that used in this final project is object-oriented, so that it's development takes time for gathering application requirements to testing. If it is not as expected, then the building will be repeated until retesting and so on (prototype paradigm).*

Key words: *Mentoring*, HTML5, MySQL