

## **ABSTRACT**

### **DESIGN APPLICATION OF SUPPORT FOR LEARNING LESSONS MANDARIN LANGUAGE BASIC BASED ON ANDROID**

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*Recent developments in mobile technology increasingly enables it to support mobile learning. Mobile technology also offers new opportunities to integrate spontaneous learning in a more formal learning scenarios. Based on interviews and observations, learning Mandarin at the Maha Vihara Duta Maitreya Palembang still using conventional methods and the lack of use of ICT (Information and Communication Technology) although it has been supported by several other media. It also appears constraints when teachers are unable to attend, or there are important activities that require leave teaching. In this study, discussed the Mobile Learning as an alternative model of learning basic Mandarin language using Adobe Flash CS6 as a program tool and Actionscript 3.0 as the programming language. The learning application uses SAVI approach (Somatic, Auditory, Visual, Intellectual) and Waterfall Model is used to model the software development process. The results of this study in the form of Design Application of Learning Support of Mandarin basic Lessons Based on Android with SAVI approach at Maha Vihara Duta Maitreya Palembang.*

*Keywords: Mandarin, Waterfall, Adobe Flash CS 6.0, M-Learning, Actionscript SAVI.*