

***Abstract: Design and Evaluation of Note-taking Interface
for Digital Textbooks***

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Abstract

The usability of digital textbooks becomes more important with the growth of touch-based devices. However, the smart device-oriented education was not effective since the students tend to use note-taking or highlighting method to manage their information. In this study, a note-taking interface was implemented to adopt the student's learning pattern and satisfy self-directed learning disposition. Accordingly, the development goal was defined by expert consultation, data analysis and mental model for a requirement specification. In addition, various requirements were adopted and a more contextual note-taking interface was implemented and tested. Then, we present the evaluation indicating that our proposing interface is easier to use and more efficient with the minimum time cost.

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