Title: BookHook: An Android-based Student Assistance App for the University of Mindanao using Optical Character Recognition and SMMRY Algorithm

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EXECUTIVE SUMMARY

This study aimed to develop an Android-based student assistance app for the University of Mindanao students to address their school problems. The researchers utilized an android studio to compile the entire project and built an APK file. Also, the researchers have also used Perfect Tense API for checking the spelling and grammar errors automatically, OCR (Optical Character Recognition) for converting those captured hard copy documents into an editable text, and SMMRY Algorithm for summarizing the converted text.

This study is developed exclusively for the University of Mindanao student with Form 1 or Certificate of Matriculation format being considered. As it would be used for app subject input using Character Recognition Technology.