

## DEVELOPMENT OF SARAWAK MALAY LOCAL DIALECT ONLINE TRANSLATION TOOL

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This paper reports the design and development of the Sarawak Malay Dialect (SMD) Online Translation Tool. This web based tool provides a translation process for Sarawak Malay Dialect words to Bahasa Malaysia words or vice-versa. The site is implemented using the combination of Hypertext Preprocessor (PHP), Java Script, and Hyper Text Markup Language (HTML). The database is created and managed using an integrated server package of Apache, MySQL, PHP and Perl (XAMPP). In this paper we also report a usability study of the tool. We believe this is the first attempt to building up a comprehensive documentation of the Sarawak Malay Dialect.