

# ***Design and Build a Beta Translate Application for Web-Based Sumbawa Language Dictionary***

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## **ABSTRACT**

*Sumbawa is one area that has attractiveness and potential, especially in the tourism sector. This is what makes Sumbawa culture increasingly known, one of its attractions is the Sumbawa language. Besides that, there are also many immigrants from Java to Sumbawa island with the aim of business needs in the fisheries sector, this makes the immigrants also interested in learning the Sumbawa language plus the lack of supporting media in the regional language learning system. The lack of supporting media such as a better online dictionary, easy to use and a friendly interface is still a common obstacle that still occurs today. Therefore, as one of the author's efforts in solving these problems as well as an effort to introduce and maintain the Sumbawa language is to build a web-based online dictionary application called Beta Translate. Later Beta Translate can be used to translate words from Indonesian to Sumbawa and vice versa. In addition Beta Translate will be equipped with Text to Speech (TTS). The dictionary was developed using the prototype method where application updates will be tailored to the user's needs. The results of the application development can be used in general by the user either as a medium of learning, having fun or as an application to support the education system.*

**Keywords:** *Dictionary, Sumbawa, Culture, Language, Text to Speech*

