

UNIVERSITI TEKNOLOGI MARA

**DEVELOPMENT OF MOBILE
APPLICATION: INDIGENOUS
LANGUAGE TRANSLATOR (ILT)**

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ABSTRACT

The researcher analyze about the indigenous language in Malaysia. Most of the people in Malaysia not aware what is indigenous language. There not many application about the indigenous language available yet, this research intend to study about one of the indigenous language in Malaysia which Semelai tribe. Semelai tribe are the largest population of indigenous tribe in Malaysia. This application will help user to interact with Semelai people. This application contains favorite's words, spelling suggestion and history of searching words. Online database are used in the project does it is not overload to the phone memory. This application can act as the platform for Malaysian and tourist to learn more on the indigenous language. The scopes of study are Semelai and Android user, Semelai people can use the application in order to preserve their knowledge and let's people in Malaysia now about Semelai people. Language use for translations is Malay and English to Semelai Language. Methodology used in the research is model rapid phase development (RAD). In the RAD model consist of requirement and planning, system design and development phases. The tool used for data collecting is questionnaire. Analysis has been done using descriptive statistical using simple statistic tool. From the questionnaire it shows that 95% of the respondent does not know about indigenous language in Malaysia. For the future works, the researcher hope to have more enhancements to the application which is more indigenous language can be added and the application is used all by people in Malaysia.

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Introduction

Chapter 1 is mainly about the introduction of the project topic, research question, research objective, scope, problem statement and the significance of this project.

1.1 Background Study

According to the International Data Corporation (IDC) the total sales of smartphones in 2011 is about 491.4 million units worldwide (Brownlow, 2010). This shows that many people nowadays prefer to use the smartphones compared to the old phones and one of the factor is because of the application (Taylor, 2009). Mobile apps are software programs you can download and access directly using your phone or another mobile device – like a tablet or music player (OnGuard Online.Gov).

The word indigenous comes from mid 17th century from Latin *indigena* means 'a native'. From oxford dictionary, indigenous means originating or occurring naturally in a particular place or native. Based on United Nations Educational Scientific and Cultural Organizational (UNESCO), local and indigenous knowledge are the understandings, skills and philosophies developed by societies with long histories of interaction with their natural surroundings. For local and indigenous peoples, local knowledge informs decision-making about basic aspects of day-to-day life. This knowledge is integral to a cultural complex that also encompasses language, systems of classification, resource use practices, social interactions, ritual and spirituality.

In Malaysia, there are about 140,000 of indigenous people, which are mostly concentrated in Peninsular Malaysia. Research by Universiti Malaysia Pahang (UPM, 2010 said indigenous community is a small community in Malaysia and is the first of the country's population. Indigenous people in Malaysia are divided into three groups that are Negrito, Senoi and Melayu Asli. From the three groups, there are eighteen tribes. Semelai ethnics are mostly stayed in negeri Pahang, along at Bera Lake. It's a practical to know their language to communicate or to know their language as we can know other language as well.

Using Mobile Application to create or develop a system that can preserve indigenous language. It works like a dictionary that user can search words and its meaning and insert Language to be save in the repository. By using this mobile application, it can help people to communicate and preserve the language.