

A STUDY AND IMPLEMENTATION OF LEARNING SYSTEM ON KADAZAN LANGUAGE FOR BEGINNERS

Prepared by: Donovan Constantine Lidong

ABSTRACT

This documentation is about an edutainment system entitle ‘A Study and Implementation of Learning System on Kadazan Language for Beginners’. In order to do the system, the author had done research, mainly data collection from secondary resources. The research concentrated on existing teachware, the audience, the types of tools which can be used to develop the system, and the elements involved to develop the system.

Aside from that, a thorough investigation was also being conducted to analyze the nature and feature of spoken Kadazan language, investigation on the appropriate user interface and the potential users of voice recognition.

Basically, this system is about an edutainment system, which is used to teach the Kadazan language. The main functions of this system are that the ability to record and playback the user’s voice, and the ability to hear the correct pronunciation by native speakers. This system is also included with interactive games and quizzes to test the user’s understanding.

This multimedia system uses Microsoft Access as the database, storing data in the database is a fast and efficient way to manage large amount of records. To be able to access to the database, a third agent, DataGrip plays the main factor in retrieving and storing of data.