

Abstract

PDA Phone also known as Pocket PC is a mobile device which has a similar ability with PC. There are a lot of text file on PDA Phone. In order to make it more convenient to PDA Phone user can be developed an application which is capable of transforming a text file into voice.

This application will text file in Indonesian and English, therefore it will use 2 text to speech application IndoTTS and Microsoft Speech. This application will determine language of the text file, if it failed the it will ask the user. This application text file which is entirely in Indonesian or English. There are 2 kind of text file which is read by the application, txt and html. This application will be based on Client-Server. Processing of text file into plain text, language determining, and voice file play will be done in the client or PDA Phone, meanwhile process of transforming plain text into voice file will be done in the PC or server. This application will be developed using Visual Basic .Net programming language.

Test of the Application will use HP iPAQ 6365. Based on the test result can be concluded that the application manage to determining the languauge of the text file, application manage to process text file into voice with speed between 0,168 KB/second and 0,792 KB/second

Key Word: Text to Speech, PDA Phone, Microsoft Speech, IndoTTS