

Abstract

In this final project has developed a support system in mobile phone that has ability to save sound of conversation by record the process of conversation that happened. This recording system called Siper. Siper has development in mobile phone with Symbian 60 series operating system using API in to do the recording process. That API is CMdaAudioRecorderUtility.

The development idea of Siper is a requirement of software that's capable to record the conversation in telephone so user more easier to save the conversation archives in audio file. Result of recording process are in native audio file format, that's WAVE. System using external storage to keep audio file's.

Siper has developing using C++ programming. To develope Siper using Symbian SDK Series 60 Version 1.2 and Microsoft Visual Studio 6 as main tools. Siper has tested like black box and appropriate with the purpose of Siper development.

In this final project, the development of Siper already success using CMdaAudioRecorderUtility API and capable to record conversation process that happen with manual aoperation or automatic operation. There are two program version that using in this final project. Each implemented in Nokia NGage and Nokia 6600 mobile phone as device to test and implementation.

Keywords: *mobile device, siper, black box, symbian, cmdaaudiorecorderutility.*