ABSTRACT

Multimedia service like Voip, with IVR (Interactive Voice Response) facilities is a user basic needed that must be filled. IVR is a voice processing system that present the voice response to the caller based on the data that stored in a database. In the VOIP server installation, the most basic things that must be known is the script that must be used for asterisk installation, setting, configuration and Asterisk IVR services.

This final project is IVR VOIP server design that configurated user interface software for IVR VOIP server package service and the purpose is to makes a simple VOIP application (IT for society). The results of this final project is found that request process can be done automatically with IVR application in VOIP server package. The MOS result show that a big part of responden satisfy with the GUI (Graphical User Interface) in IVR package. Accuracy digit test for the DTMF asteriks system show that the input digit will produce the same digit in a output.

Keywords : IVR, VOIP, asterisk