

ABSTRACT

At present the need for telommunication services has been highly developed. Service information system in college is good enough. However, information systems, especially in the information about schedule of lectures in IT Telkom is not effective enough. The perpetrators of the study a little diffult getting information about the schedule of classes. This is because information only posted in website or posted in certain places. Therefore, needed an alternative information system that is more effective and automatic.

The essence of this Final Projecy is to build a new lecture schedule information by accessing the IVR (*Interactive Voice Response*) and SMS Gateway. IVR is an application of Trixbox which can detect the signal frequency of phone numbers on the phone to connect users with the information system automaticallu just by pressing certain numbers that have been provided. Callers are guided by voice users (operators) so it can access the lecture schedule information with ease. As for application of SMS Gateway users can simply just sending an sms to the server and automatically will receive sms containing the information required from the server. The media used by admin to input the lecture schedule in SMS Gateway is a website.

By looking at the subjective test results with an average result is 7.5 which means the good, the application helps students or lectures to obtain information about the schedule of lectures.

Key words : IVR (*Interactive Voice Response*), SMS Gateway, Information System, website