

ABSTRACT

Today advanced telecommunication services. Academic information systems in various universities were very good. However, academic information systems it Telkom even less interactive, for example, to find out information on the activities of the campus, the information about the last book in the library to determine the value of information and find out the absence of an instructor. Participants found it difficult to know little things new, because through the Web or with a band on site-a special place, but to know that the schedule has not yet been teacher absenteeism. This requires alternative information system and interactive automated information systems to the PSTN via IVR and voice mail.

In this final build an Academic Information System to perform design analysis, Data Flow Diagrams. Academic Information System was built using Dialogic Card D/41JCT-LS as an interface between computer and phone. To use the software programming and the Envoy Communications Development using Microsoft Access Database. How do I know the reliability of this system is to test the feasibility of its functionality.

Dialogic card technology development aims to integrate services so it can function by implementing Computer Telephony Integration technology (CTI) for academic information systems. Applications are built into this system works in both directions so that the admin and user can input information to the server.

Keyword : *Computer Telephony Integration*, Dialogic Card, Voice Mail, IVR, *Data Flow Diagram* (DFD)