

ABSTRACT

In the IT Telkom, daily activities undertaken do not always go smoothly. Sometimes, academics have the same agenda or any agenda that happened is sudden. In this case, the academic community focused on lecturers. On the other hand, we have a TV Esfera that can be used as an alternative delivery of information.

At this final project do design and implementation of an application running text on a TV Esfera using SMS Gateway. This service is an alternative to deliver information in campus IT Telkom. SMS that goes into the database is processed by the system to display on the TV. In this SMS display, working with Esfera has access TV in the building B. SMS shown as running text if only the number has been registered in the database.

The results of this final project is an SMS Gateway system that is connected with the application running text. The system is expected to be an alternative delivery of information in the IT Telkom. Travel time that taken when sending a message to get to the admin as well as admin approved to appear in the form of running text an average of 20 seconds. Server can process the incoming SMS five simultaneously within 18 seconds. Applications running text can be shown if the message less than 160 characters.

Keywords: SMS, TV Esfera, running text