

Abstract

SMK Dr. Tjipto Semarang has a mission to implement the ICT-based information systems as a medium of learning. In the other hand it shows that there are still many students who does not carry out the learning activities as well. And many parents found it is difficult to monitor the presence of their children in school, so we built an application that provides information to Parents in detail about the information of presence also their attendance at school every day.

In the preparation of this final project is to make SMS (short message service) gateway the application that integrated with the website and RFID Reader. The objective is to inform the student attendance to parents based online autoreply. The Processing of this final project requires several stages begins with studying the system requirements. As well as the establishment of a database that is required according to the purpose. The next step is create website and choosing hardware tools as requirement system.

The result of this Final Project is Sms gateway application integrated with RFID Reader. This final project is suitable for the school based on a subjective assessment questionnaire testing with a value of 4.0 (maximum value 5.0). With a delay time of RFID Tag reader about 0.2 seconds for each RFID card. The application appearance gets great results and its also compatible with a variety of browsers.

Key Word : SMS, SMS gateway, the presence, students, parents