

## ABSTRACT

Boarding/lodging house is one of the most important supports for students who are going through college, especially for those with home far away with the college. Therefore it is necessary to ease, speed, effectiveness and accuracy in helping students to obtain information on the lodging house around the campus. From that reason, needed a boarding house information system around the area where the students through college.

Boarding house information system is a system that provides complete information about boarding house at a particular area, such as area around Telkom campus. In this system there are important information such as name of boarding house, address / location, the number of rooms, the number of empty rooms, the facilities provided and the rental price per year. Besides this information, the system provides a variety of information supporting the needs of students (attributes) such as food stalls, laundry places, places of worship, or entertainment venues.

The main problem in information system is accurate and updated data quickly. And so needed a system that can update data quickly and easily to do. SMS gateway is one way to update the data in the system easily and quickly. By sending a SMS in accordance with the format has been specified, the data will be updated automatically. Sure makes it easy lodging house owners to renew the boarding house data.

This prototype aims to facilitate students in obtaining information about boarding house, so that students do not need looking for lodging house and visiting them one by one. In addition, this system aims to help owners of boarding house in gaining customers and make renew the data easily. In beta testing, this information system can run well and can be implemented with more data.

Keywords: Information system, boarding house, attribute, SMS gateway.