ABSTRACT

Currently, technology has been growing, one of them is for the feeding of livestock. All living things need food to survive, just as humans need food, animals and plants are in dire need of food. In this case, in Indonesia too many have made a catfish farm large or private property. But sometimes there are still farmers who feed inefficiently. In the feeding is sometimes not measurable amount and time. So made a notification system to warn the condition of catfish during hunger and water pond conditions to farmers, this notification is taken from the sensor data connected to the microcontroller with data generated in the form of sound intensity and pH meter values, the resulting value will be Continue the form of notification SMS gateway that utilizes the service gammu application installed on the OS Raspbian Jessie in Raspberry PI 3. From the system created, the system can send data to a number of smartphones *in the form of SMS gateway.*

Keyword : Raspberry PI, Gammu, SMS Gateway.