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(57) Abstract :

The Present invention is designed to make an animal feeding system for all kinds of use; cattle raising, farms, horse stables and many more. The feeding process will be automatized using an industrial controller which controls the feeders and will have a track of the food to settle up periods and quantities. This food feeding automation application could be applied remotely using a PIC micro controller and Wi-Fi, if necessary and the information can be accessed wherever you want, through a VPN connected to our MQTT server. This database data will be shown in a web server (Thing speak) that will monitor all the information. The analysis of the information should help in a continuous improvement cycle. In addition to that water level indicator and cleaning system is proposed in this project. IoT is one of the technologies that are used in a huge number of applications today. One of the applications (GSM) is tracking animal and keeps regular monitoring on them. This tracking system can inform you the location and route travelled by animal, and that information can be observed from any other remote location. It also includes the web application that provides you exact location of target. This system enables us to track target in any weather conditions.

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