IOT BASED SMART CROP PROTECTION SYSTEMFOR AGRICULTURE

ABSTRACT:

This paper defines the methodology employed in the smart crop protection system. This technique will provide an entire technical solution using the net of things (IOT) to the farmers to stop their crops from wild animals and supply information to the farmers to maximize their production. The motors and sprinklers within the field are often controlled using the mobile application. Animals are detected using PIR sensors and cameras where animals are identified using MATLAB image processing Techniques. Raspberry PI is employed because the processing unit of the system and sound buzzers are won't to emit the ultrasound frequencies.

BLOCK DAIGRAM: