

Smart Crop Protection

Project #50

Use motion and sound sensors to detect wild animals approaching near a field and take action to alert the farmer and to scare the animals away using LEDs, a buzzer and closing the farm gate.

When motion is detected near the farm, the farm gate closes.

When sound is detected near the farm, the system alarms the farmer using LEDs and a buzzer.

Here is the statechart of the system:

