project development phase sprint 4

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Team ID	PNT2022TMID11461
Project Name	IOT Based Smart Crop Protection
	System For Agriculture

To detect a animal in agriculture by using PIR sensors code:

```
#define LED 9 // choose the pin for the RELAY
#define BUZZER 13
int ldr=0;
int PIR=4;
int val;
void setup()
Serial.begin(9600);
pinMode(LED, OUTPUT); // declare lamp as output
pinMode(PIR,INPUT);
pinMode(BUZZER,OUTPUT);
void loop()
Idr = analogRead(A1);
val=digitalRead(PIR);
Serial.print("pir value = ");
Serial.println(val);
Serial.print("ldr value = ");
Serial.println(ldr);
if((ldr<=200)&& (val==HIGH))
   digitalWrite(LED,HIGH);
   digitalWrite(BUZZER,LOW);
```

```
else if((ldr>=200)&& (val==HIGH))
{
digitalWrite(BUZZER,HIGH);
digitalWrite(LED,LOW);
}
else {
digitalWrite(LED,LOW);
digitalWrite(BUZZER,LOW);
}
delay(300);
```



