# IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

## (Solution Architecture)

**Temperature sensor**

Used to detect and measure the sudden climatic changes.(i.e)hotness and coldness.

**Soil moisture sensor**

It is used to measure the water content in the soil and can be used to estimate the amount of stored water in

**Buzzer**

It is used to detect the pesticides and animals from damaging the crop.

**ARDUINO**

**GSM**

It sends SMS to the mobile phone of the respective owner when there is a drastic detection in the field.

**Humidity sensor**

To measure and monitor the amount of water present in the surrounding air.

**GPS**

To know the location precisely.