VSB ENGINEERING COLLEGE, KARUR-639111

Department of Electronics and Communication Engineering

Design Phase II

Data Flow And User Stories

TITLE   : IoT based Smart Crop Protection System for
                              Agriculture

DOMAIN NAME : Internet of Things
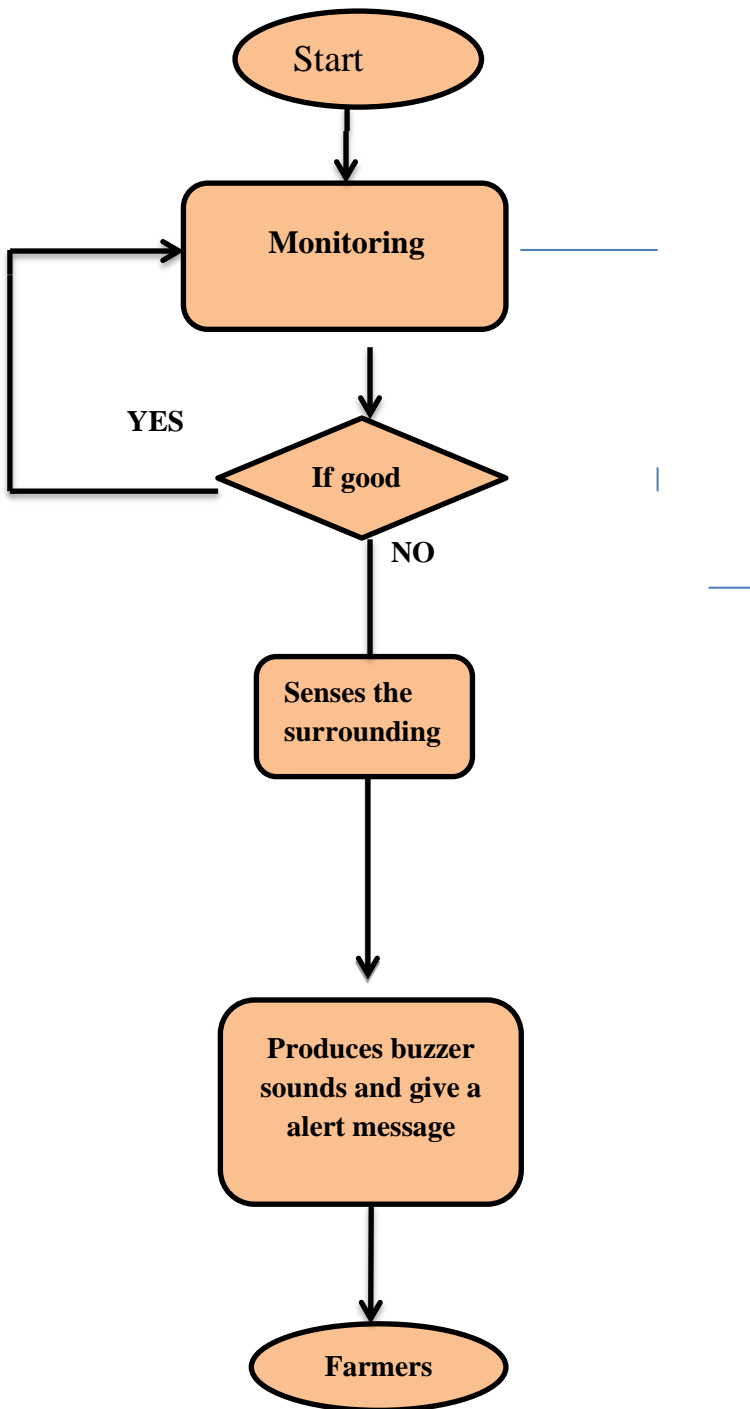
TEAM ID   : PNT2022TMID33625

TEAM LEADER   : TharunaPriya S

TEAM MEMBER : Salini P

                              Srinithi A

                              Yogapriya K

MENTOR NAME : Nandhini P

```
                    ┌─────────────┐
                    │    Start     │
                    └──────┬───────┘
                           │
                           ▼
        ┌──────────────────────────────┐
        │          Monitoring           │───────────
        └──────────────┬───────────────┘
                       │
                       ▼
  YES              ◇ If good ◇
                       │
                       │ NO
                       ▼
              ┌─────────────────┐
              │   Senses the     │
              │   surrounding    │
              └────────┬─────────┘
                       │
                       ▼
              ┌─────────────────┐
              │ Produces buzzer  │
              │ sounds and give a│
              │  alert message   │
              └────────┬─────────┘
                       │
                       ▼
                  ( Farmers )
```

Start

Monitoring

YES

If good

NO

Senses the surrounding

Produces buzzer sounds and give a alert message

Farmers

USER	PROBLEM	SOLUTION
Farmers	If animals enter the field	With the sensor we can sense the animals enter into the farm
Farmers	If animals try to enter into field	Produces a buzzer sounds
Farmers	If animals are near the farming lands	Alert the farmers