IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE
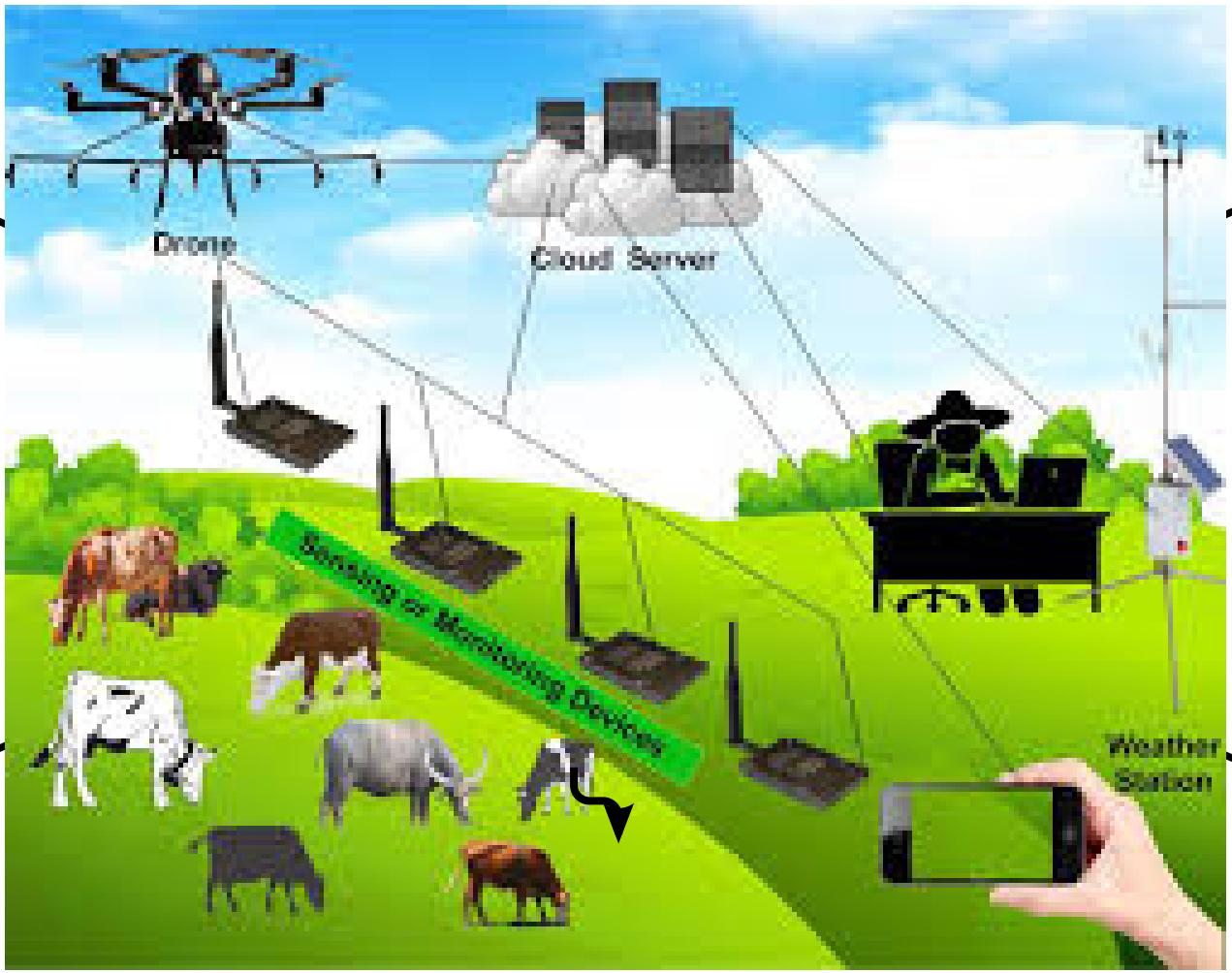
What do they THINK AND FEEL?

what really counts

major preoccupations

worries & aspirations

- Whether the same device is applicable for different animals?
- How can the device sustain the environmental factors?
- Whether the device is harmful to animals ?

What do they HEAR?

what friends say

what boss say

what influencers say

- You must analyse about different cultivatable land and irrigation level.
- Design the device in such a way that it is not affected by climatic changes.
- Study and analyse about various threats of animals.

What do they SEE?

environment

friends

what the market offers

- Calculate the distance between the field and target.
- Analyse the parameters such as moisture level and control the supply of water.
- The frequency of the alarm should be maintained such that it should not harm the animal and human.

What do they SAY AND DO?

attitude in public

appearance

behavior towards others

- Will it create public nuisance ?
- Is it economial and feasible ?
- Is it reliable?

PAIN

fears

frustrations

obstacles

- Need more knowledge about agricultural land and animals
- Maintenance is difficult.
- Unpredictable damage of device by animal and environmental changes.

GAIN

"wants" / needs

measures of success

obstacles

- Increased crop production.
- Avoids animal threats to human and crop.
- Quick and responsive alerts are sent to the users.