

IOT Based Smart Crop Protection System for Agriculture

What do they THINK AND FEEL?

what really counts
major preoccupations
worries & aspirations



What do they SAY AND DO?

attitude in public
appearance
behavior towards others

TO PROTECT
CROPS FROM
ANIMALS AND
BIRDS

TO CONTROL
THE
IRRIGATION
REMOTELY

ALARM IS USED
TO PREVENT
DESTROYING
CROP FROM
ANIMALS

TO MONITOR
THE
ESSENTIAL
NEEDS OF
CROPS

ECONOMICAL
FRIENDLY

ENVIRONMENTAL
FRIENDLY

What do they SEE?

environment
friends
what the market offers

MONITORING
WILL BE
ACCURATE

NO NEED
OF
PESTICIDES

MOTOR IS
CONTROLLED
THROUGH
WEB
APPLICATION

THE IMAGE WILL
BE CAPTURED
AND STORED IN
IBM CLOUDANT
DB SERVICE

VISUALIZE THE
ESSENTIAL
NEEDS
THROUGH WEB
APPLICATION

DETECT THE
ANIMALS AND
BIRDS
BY CLARIFAI
SERVICE

PAIN

fears
frustrations
obstacles

GAIN

"wants" / needs
measures of success
obstacles

FUTURE
PLANS OF
GARDENING

BETTER
YEILDS

FARMER'S
FRIENDLY

THE STEPS
FORWARD TO
MODERN
AGRICULTURE

IMPLEMENTATION
IS QUITE
COMPLICATED

NETWORK
CONNECTIVITY
PROBLEM
USING IOT

SOFTWARE
MAY BE
CORRUPTED

HIGH
PRODUCTIVITY
WITH LOW
COST

CONTROLLED
REMOTELY
FROM
ANYWHERE

LIMITED
MAN
POWER IS
ENOUGH