

IOT Based Smart Crop Protection System for Agriculture

we

FUTURE
PLANS OF
GARDENING

TO PROTECT
CROPS FROM
ANIMALS AND
BIRDS

BETTER
YEILDS

FARMER'S
FRIENDLY

THE STEPS
FORWARD TO
MODERN
AGRICULTURE

DETECT THE
ANIMALS AND
BIRDS
BY CLARIFAI
SERVICE

What do they THINK AND FEEL?

what really counts
major preoccupations
worries & aspirations

ALARM IS USED
TO PREVENT
DESTROYING
CROP FROM
ANIMALS



TO MONITOR
THE
ESSENTIAL
NEEDS OF
CROPS

TO CONTROL
THE
IRRIGATION
REMOTELY

ENVIRONMENTAL
FRIENDLY

MONITORING
WILL BE
ACCURATE

VISUALIZE THE
ESSENTIAL
NEEDS
THROUGH WEB
APPLICATION

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

What do they SAY AND DO?

attitude in public
appearance
behavior towards others

MOTOR IS
CONTROLLED
THROUGH
WEB
APPLICATION

ECONOMICAL
FRIENDLY

What do they SEE?

environment
friends
what the market offers

NO NEED
OF
PESTICIDES

PAIN

fears
frustrations
obstacles

IMPLEMENTATION
IS QUITE
COMPLICATED

NETWORK
CONNECTIVITY
PROBLEM
USING IOT

SOFTWARE
MAY BE
CORRUPTED

GAIN

"wants" / needs
measures of success
obstacles

HIGH
PRODUCTIVITY
WITH LOW
COST

CONTROLLED
REMOTELY
FROM
ANYWHERE

LIMITED
MAN
POWER IS
ENOUGH