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Department of Computer Science and Engineering
IBM NALAIYA THIRAN
EMPATHY MAP

TITLE: SMART FARMER - IOT ENABLED SMART FARMING APPLICATION

DOMAIN NAME: INTERNET OF THINGS

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PROBLEM STATEMENT: To provide an efficient decision support system using wireless sensor networks which handle different activities of the farm and give useful information related to the farm. Information related to Soil moisture, Temperature and Humidity content. Due to the weather condition, water level increases Farmers get a lot of distractions which is not good for Agriculture. Water level is managed by farmers in both Automatic/Manual using that mobile application. It will make it more comfortable for farmers. Performing agriculture is very much Time consuming, making it easy is the aim of the project.

Empathy map on Smart Farming

says

**Is
Labourless
farming
conceivable?**

**Is smart
farming
Costly or cost
effective?**

**Is drone
accessible
for
monitoring
the crops?**

**Water
irrigation
system
ought to be
improved.**

Thinks

**Water
management
will be easy.**

**Will this be
successful?**

**Can we
invest in
smart
farming or
not?**

**The apparent
advancement
of plants**

**User
(Farmer)**



**Do some
exploration on
advances that
are used in
smart farming**

**Decision
making**

**Ask
suggestions
from other
farmers**

**Anticipated
the simple
way of
farming**

**Don't know
about the
soil
condition**

**Monitoring
all
the things in
phone**

**Better
crop yield**

Does

Feels