**IoT - SMART FARMING APPLICATION**

**BRAIN STORM**

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Observation of water quality

Motor pump can be operated manually

Tons of data will be collected

**Thami mulan sari**

Various

sensors can be combined to monitor the soil moisture

Usage of humidity sensors

Intimation of water supply through notification

Managing & Tracking locations using GPS, satellites

Water supply based on weather conditons

Wastage of water can be

Supply of water based

Web or mobile

Labour cost Data

Helps in

on

decreased temperature in surroundings

application saving

can be

Surveillanc e of soil moisture

can be reduced

Notification of water supply

used

time

transmitted back to cloud

for further analysis

To increase business efficiency

Usage of cloud to collect data from sensors

Monitoring crops through drone

Motor pump can be operated automaticall y

**IDEAS**

APPLICATION

ADVANTAGE S

SENSOR S

Intimation of water supply through notification

Web or mobile application can be used

Motor pump can be operated manually

Wastage of

To water can Labour cost

increase be can be business decreased reduced efficiency

Various sensors can be combined to monitor the soil moisture

Tons of data will

Supply of water based

be

on

temp ure in

erat

collected surroundings



**PRIORITIZE**

Web or

mobile application can be used

Tons of data will be collected

Labour cost

can be reduce d

Supply of water based on temperature in surroundings

Wastage of

water can be decrease d

**Importance**

If each of these tasks could get done without any difficulty or cost, which would have the most positive impact?

To

increase business efficiency

Various

sensors can be combined to monitor the soil moisture

**Feasibility**

Regardless of their importance, which tasks are more feasible than others? (Cost, time, effort, complexity, etc.)

Motor pump can be operated manually

Intimation of water supply

through

notification