**WORKSHEET – 2**

**IDEA EVALUATION WORKSHEET- Based on 5q by Prof.EdRubaesch**

Q1. WHAT’S THE PROBLEM ?

1. IS IT REAL

Yes, it is real

The Farmers are facing this problem from many years

1. HOW BIG IS THE PROBLEM

It is the major problem in every agriculture sector. That when drought and floods occur.

1. WHEN DOES IT OCCUR

It occurs when there are no proper rains and when there is heavy rain fall

1. FREQUENCY OF OCCURRENCE

The frequency of occurrence varies according to the seasons

1. CURRENT SOLUTIONS

Only for drought condition there are existing current solutions but for flood condition there are no solutions so our project will help the farmer from both the condition

Q2. WHO HAS THE PROBLEM-customer identification

* PROFILE

Farmers

* LIFESTYLE

Agriculture

* POSITION-CRITICALITY OF NEED\

The critically need condition will be there only when there are flood and drought conditions

Q3. WHAT’S YOUR SOLUTION

* WHATS YOUR UNIQUE PROPOSITION

Previously they have used drip irrigation model but in our project, we are using sprinkle irrigation which saves water it works automatically when the moisture content is good enough they immediately stop sprinkling

* DO YOU OWN IT- IPR

Yes, I want to own IPR

Q4. WHO IS COMPETITION

* HOW ARE YOU DIFFERENT

Our project solves both the problems of drought and flood condition and it generates electricity through it

* ARE YOU THE UBER OR YOU UBERED

I uber the problem

Q5. HOW IS IT MADE POSSIBLE-

It is made possible to work in a smooth manner and in a efficient way so that every user can use it by using technology IOT

It mean connecting the things through internet

* RESOURCES

Moisture sensor

Cables

Sprinklers

Kettle

Relay models

UNO

* TECHNOLOGY/

IOT

* SOCIAL/ECOLOGICAL FEASABILTY

It is very useful for farmers and for gardeners

* Man,money ,machine,materials.

It requires people according to the fields in a village

Money, machine and material are analyzed based on the area of fields and the cop they are cultivating

CUSTOMERS:

MOST UNDERSERVED SEGMENT

SIZE

TARGET

COMPETITION

DIFFERENTIATOR

There is no such product existing in the market to collect the extra water from the fields so I think there might be no differentiator existing in the market

ECONOMIC FEASABILITY

Yes, our product will have much economic feasibility

IP

Yes I want to own a IP

TECHNOLOGY NEEDED

This project is related to internet of things, based on information regarding moisture sensor.

COMPETENCIES

KNOWLEDGE NEEDED

Yes. Because, to connect the sensors properly we should have knowledge about working of sensors and we must know how to connect the things through internet

SKILLS NEEDED

Here manual work is not required just needed only the smart work

TEAM COHESIVENESS

Here the teams must be collaborated from different villages with the same crop so that the performance can be measured.