**WORKSHEET – 2**

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

Q1. WHAT’S THE PROBLEM ?

Wastage of gallons of water without proper planned irrigation.

1. IS IT REAL: Yes,it is real
2. HOW BIG IS THE PROBLEM: It is frequently occurred.
3. WHEN DOES IT OCCUR: frequently
4. FREQUENCY OF OCCURRENCE: 50%
5. CURRENT SOLUTIONS : Sprinkler irrigation technology.

Q2. WHO HAS THE PROBLEM-customer identification

* PROFILE: Farmer
* SEGMENT: Farmers
* POSITION-CRITICALITY OF NEED

Q3. WHAT’S YOUR SOLUTION: Automatic irrigation using moisture sensors

* WHATS YOUR UNIQUE PROPOSITION: pumping through advanced technology in consideration of factors like moisture,temperature and .etc.,
* DO YOU OWN IT- IPR: yes it is a unique approach

Q4. WHO IS COMPETITION

* HOW ARE YOU DIFFERENT : By using advanced technology, pumping water according to the moisture ,temperature and weather conditions.

Q5. HOW IS IT MADE POSSIBLE-

* RESOURCES/ TECHNOLOGY/: technology
* SOCIAL/ECOLOGICAL FEASABILTY: Ecological feasability
* Man,money ,machine,materials.: micro controller, moisturesensors,1500

IDEA EVALUATION- SUMUP

CUSTOMERS: Farmers

MOST UNDERSERVED SEGMENT

SIZE

TARGET: extracting maximum yield ,without wastage of water.

COMPETITION:

DIFFERENTIATOR

ECONOMIC FEASABILITY: yes,it is feasible.

IP: yes,it can be patentable.

Technology needed: embedded C,Assembly language.

COMPETENCIES

KNOWLEDGE NEEDED: ASSEMBLY LANGUAGE,CONNECTING ELECTRONIC DEVICES

SKILLS NEEDED:PROGRAMMING SKILLS AND ELECTRONIC CONNECTING SKILLS

TEAM COHESIVENESS: TO DEVOLOP PRODUCT ECONOMICALLY.

NETWORK