MEPCO SCHLENK ENGINEERING COLLEGE

Department of Electronics and Communication Engineering

IBM NALAIYA THIRAN

DESIGN PHASE 1

TITLE   : Smart Farmer- IoT Enabled Smart Farming Application

DOMAIN NAME   : Internet of Things

LEADER NAME   :   NAMEERA NAZININ M

TEAM MEMBER NAME: DEVI PRIYA S

                                               SIVA HARITHA S

                                               BHUVANESHWARI N

MENTOR NAME   : VARUN PRAKASH R

Problem solution template

S.NO	PARAMETER	DESCRIPTION
1.	Problem Statement	Farmers are under pressure to produce more food and use less energy and water in the process.
2.	Idea	A remote monitoring and control system will help farmers deal effectively with these pressure
3.	Novelty	Letting the farmers to decide to activate water pump. Allows to control from remote location. Allow to do perfect fertilization.
4.	Social Impact	This Application will help customers/farmers to better understand the important factors of farming such as water, vegetation and soil types.
5.	Business Model	This application will give a revenue or profit about 60% of yearly expenditure
6.	Scalability	Scaling IoT projects challenges organization's approach to such setups and existing architecture. It requires much more than additional sensors attached to more machines. IoT leaders must ensure their team and architecture can handle the increased connected devices and influx of data