IBM NALAYA THIRAN

PROJECT DEVELOPMENT SPRINT-4

Team ID	PNT2022TMID30027
Project Name	Project – IOT ENABLED SMART FARMING APPLICATION

TEAM LEAD : MANOJKUMAR M

TEAM MEMBER 1: KIRAN V

TEAM MEMBER 2: DHANUSH NIMBELKAR U

TEAM MEMBER 3: RAGHUL K

MENTOR : VALLISUSEELA R

INTERFACING AND TESTING AND DELIVERY:-

According to our project we are improving an automated irrigation system which works in the soil in accordance to the humidity conditions in order to reduce human interference in the process of irrigation

Finally we are yet to test our Iot enabled smart farming application and we are yet to test it in the real time environmental conditions in order to make it available for the real time use which could be to solve the problems in irrigation .

In this process we are yet to interface aurdino and configure it, then next to that we are tending to develop a code for the sensor and then we are interfacing it to make the sensing part next to that we are yet to stuff out the water tank and the motor for the irrigation purpose next to that we are going to progress into working conditions with the motor and fix it to the switch which is interfaced to the aurdino then finally the sensor senses the water moisture level in the land and then when the moisture level goes down the switch is switched on by that the motor starts running then the water is sucked out from the water reserve and irrigated to the land abide this when there is enough moisture in land the switch is automatically switched off.

By this we have limbed to our goal of automated irrigation

IMAGE OF FINAL TESTING