SRI SAIRAM ENGINEERING COLLEGE

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

SMART FARMER – IoT ENABLED SMART FARMING APPLICATION

IBM NALAIYATHIRAN

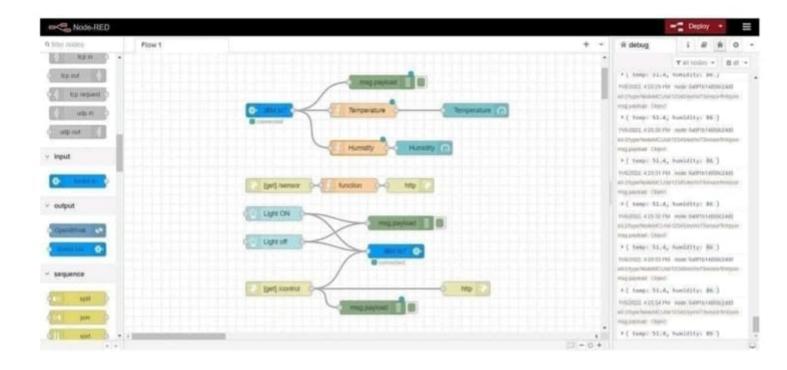
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TITLE	Smart Farmer – IoT enabled Smart Farming Application
DOMAIN NAME	Internet of Things
TEAM ID	PNT2022TMID04114
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Simulation:

Sending temperature and humidity values from Node-Red to MIT App Inventor.

Temperature and Humidity Values in Node-Red:





Temperature and Humidity Values in MIT App Inventor:

Weather Monitoring & Control			
Temperatu	re	51.4	
Humidity		86	
Light ON	Light off		

Advantages & Disadvantages Advantages:

- Farms can be monitored and controlled remotely.
- Increase in convenience to farmers.
- Less labor cost.
- Better standards of living.

Disadvantages:

- Lack of internet/connectivity issues.
- Added cost of internet and internet gateway infrastructure.
- Farmers wanted to adapt the use of Mobile App.

Conclusion

Thus the objective of the project to implement an IOT system in order to help farmers to control and monitor their farms has been implemented successfully.