



Project done by - Mosali Suneja

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Currently pursuing B.Tech
3rd Year in "Computer
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I m an enthusiastic learner,
who likes to take initiative
and seek out new challenges.



SMART AGRICULTURE SYSTEM-BASED ON IOT



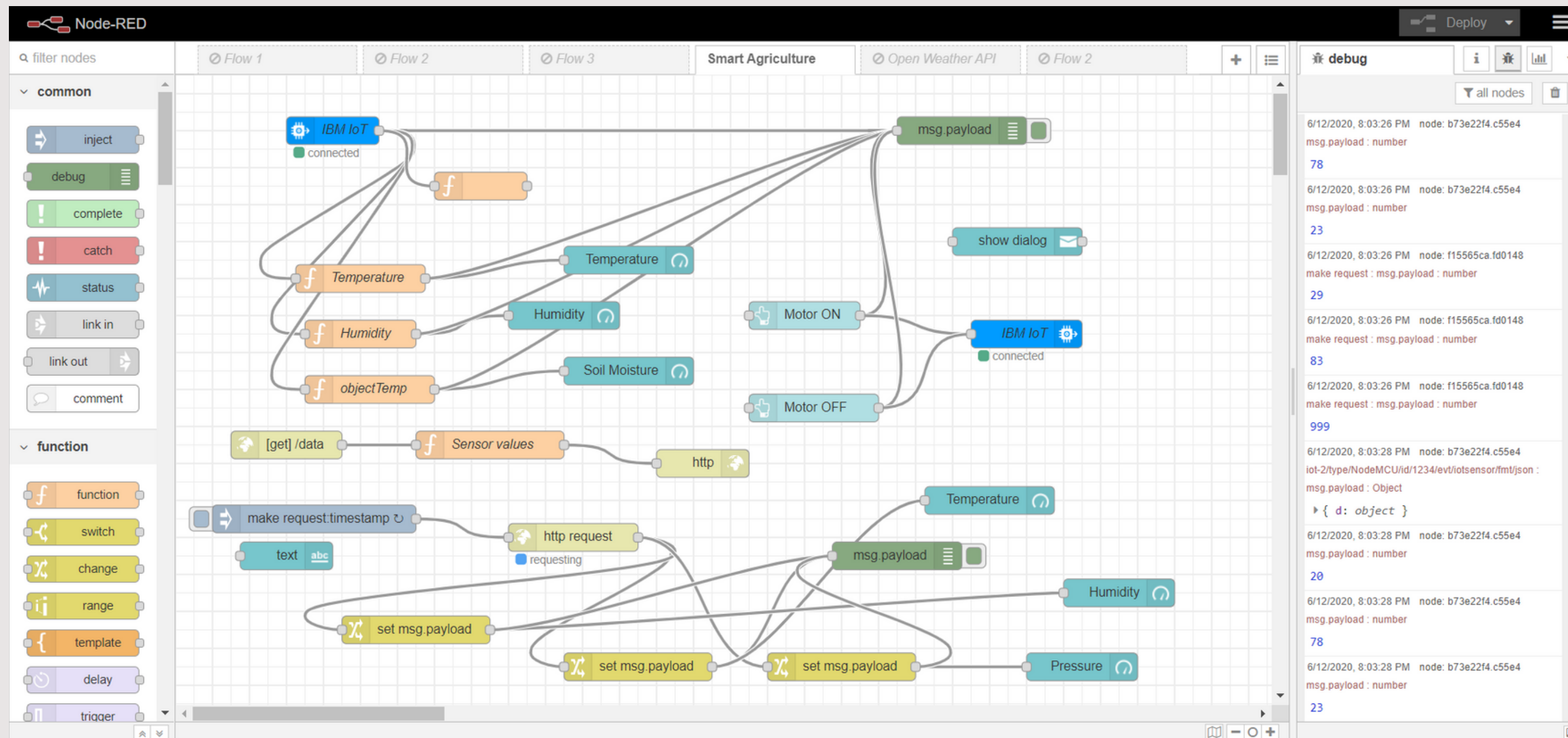
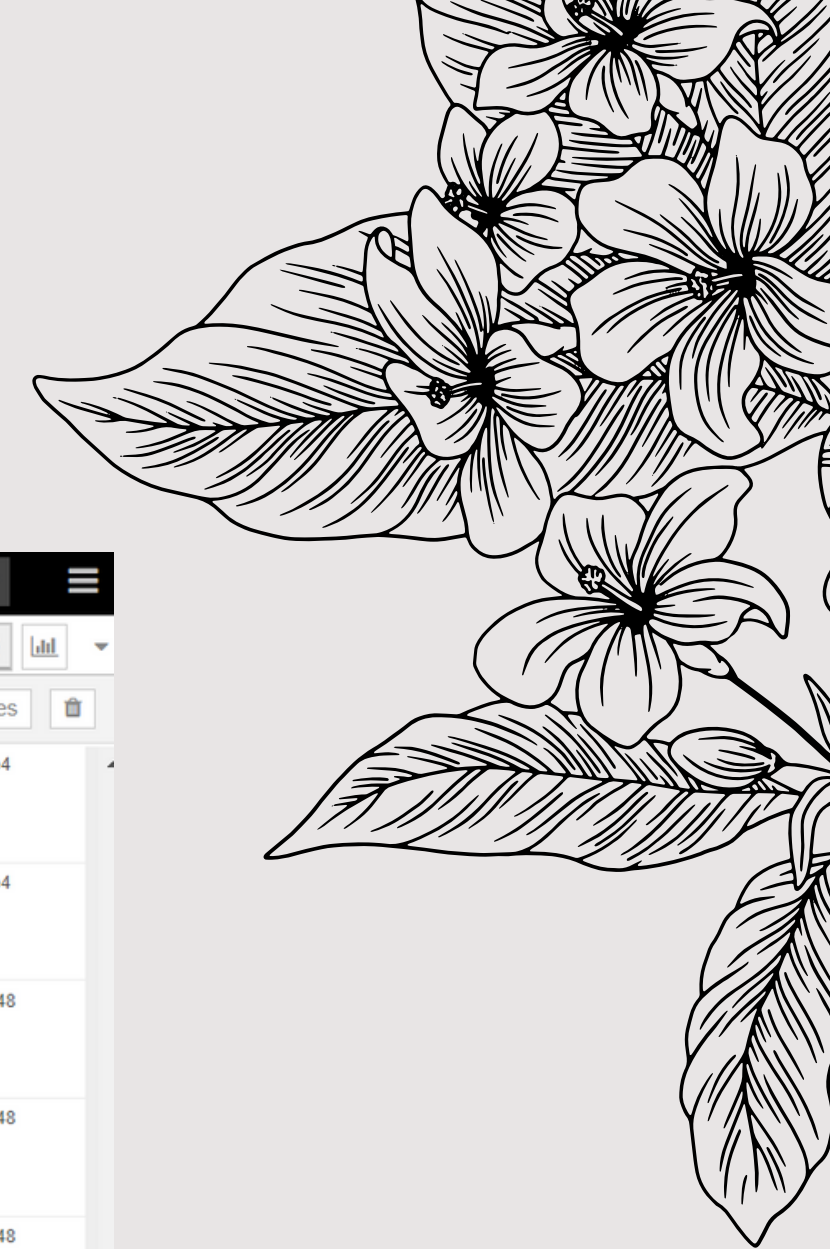


*"If agriculture goes wrong,
nothing else will have a
chance to go right in the
country."*

We all know that agriculture is being done in every village since ages. Agriculture is nothing but of cultivating plants and is the main development needed other than any sector. Without agriculture we can not survive. As the world is trending with new technologies now-a-days, Agriculture should also be collaborate with the new technologies to get real time benefits like cost savings, less man power, getting faster information about the weather forecasts , soil moisture,temperature,humidity, etc.

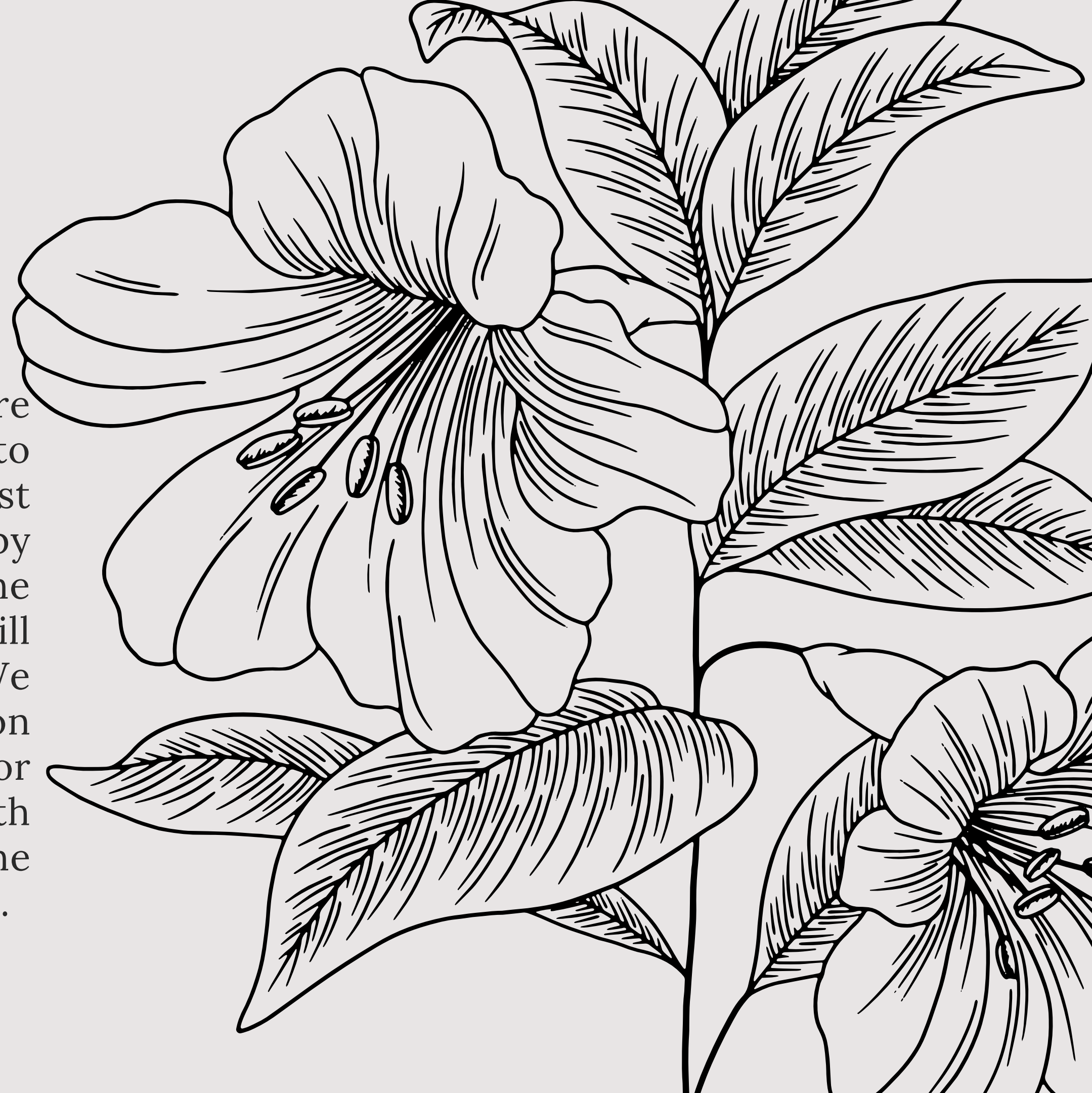


Flow of getting values in node-red



Future Scope

Future development will be focused more on increasing sensors on this system to fetch more live data regard to pest control, food production, etc also by integrating with the GPS to enhance the Agriculture IoT technology to full fill Agriculture Precision ready product. We can use it as a home automation controller. We can remotely operate or perform the jobs. Also combining with solar panels to conserve power. So the entire system is going to be eco-friendly.





Thank you.