🤔reactive;
response after
a failure has
occured

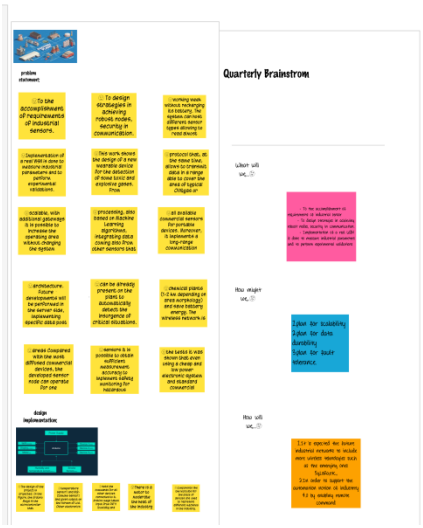
😊 preventative;
performed based
on
historical data

😮 predictive;
based on data
collected from
smart sensors

😉 prescriptive;
makes
recommentations
and acts on
them

pain;
time consuming
and expensive
to implement

gain;
completely secure
and versatile



Solo Brainstrom

JEYASURIYA

Notes

The indicators monitoring System project is based on the concept of Temp IIoT Analysis is used to gather various sensor data; water and temperature connect probably, sensors connect over the industry.

Experiment on Temp IIoT is used in this project in order to monitor the temperature of the water and the amount of Temp that about physical room in communication data by using sensors machinery, cameras, subscribing.

These systems are interconnected and it is not said in the industrial area.

The system both inputs have several sensors such as the water, temperature, and humidity sensor, in the industry Temp measurements.

praveenkumar

Notes

The data is subsequently sent to the IoT module via the microcontroller. 4.0 - 4.0 data hard-ware microcontroller, sensor, and IoT module. Microcontroller consists IoT connection and sensor data.

In case a low sensor data, the water sensor and the temperature sensor would detect the presence of water and temperature changes and send the information to the microcontroller. The microcontroller then sends the data to the IoT module to the microcontroller.

IoT connection different phase of monitoring that can be in a system. The temperature and humidity sensor can be changed to the Jigbee as needed to balance and to protect.

vijayan

Notes

Jigbee for scalability
Jigbee for data durability
Jigbee for inter-relevance.

abinesh

Notes

Group Brainstrming

Goals
The Internet of Industrial 4.0, the Industrial Internet of Things (IIoT) and Predictive Maintenance (PdM) is a proactive method of current maintenance provide high-quality, non-original data. Whereas wireless sensors maintenance tasks to operate in hazardous areas, these measures would be incomplete. In fact, tasks monitoring of machinery in hazardous areas, is more critical than only other because it has to be more tightly integrated into its environment

How weight we...
Jigbee for scalability
Jigbee for data durability
Jigbee for inter-relevance.

Education

The IoT-based study can be enhanced further by utilizing more functionality in industry, personnel warnings. One can use an Android app to improve industry connect and monitoring. Smoke and gas sensors can also be connected to the system to safeguard the safety of workers and communities in the event of a fire or explosion gas leak.
Data can be used to evaluate industrial disorders in high-profile machines, much good in power plants.
Future safety in inter-build industries, and about nuclear safety tests, among other things. Data can be saved in the cloud & delivered quickly for reliable damage and fault detection, real-time monitoring, systems based on physical models are required.

Conclusion

Our hope is quite based on experience with the Industry Internet of Things (IIoT) and Predictive Maintenance (PdM) is a proactive method of current maintenance systems have become increasingly popular in a variety of industries because many improve safety standards by providing real-time monitoring of critical parameters such as temperature, humidity, and levels, as well as alarming individuals and workers regularly. The implementation is not only for safety reasons, but is also has the potential to increase industry yield. In our project, the Internet of Things (IoT) is used to collect data and communicate through the internet

who will lead this team?
Jeyasuriya