Brainstorming Session:

The views of all the team members are listed below

**Rishekesh**

**Jaishiddharth Essaki**

**Jayant Shankar**

**Lakshmikanth .T**



The Internet of things (IoT) is the system of gadgets, vehicles, and home machines that contain hardware, programming, actuators, and network which enables these things to interface, collaborate and trade information. IoT includes broadening Internet networks past standard devices, for example, work areas, workstations, cell phones and tablets, to any scope of the generally stupid or non-web-empowered physical devices and ordinary articles.

Installed with innovation, these gadgets can convey and connect over the Internet, and they can be remotely observed and controlled. The meaning of the Internet of things has advanced because of the union of numerous innovations, ongoing examination, AI, ware sensors, and implanted frameworks.

**PROBLEM**

**GAS LEAKAGE DETECTION AND ALERTING SYSTEM**

Abstract



From the ideas of the previous slide, the following prioritization is mapped

WORKER'S HEALTH

Pollution Controller

**Importance**

.

**Feasibility**

.

REAL TIME UPDATES

Alerting Danger to the people

Robust protection

Reliable Information

Performing of data Analystics

Prioritizing

|  |  |  |
| --- | --- | --- |
| IOT | TRUST WORTH Y | FASTER DETECTION |
| QUICK RESPONSE | CLOUD BASED | FAILURES MAY HAPPEN |
| ACCIDENT PREVENTION | REAL TIME UPDATES | WORKER'S HEALTH |

|  |  |  |
| --- | --- | --- |
| Prevention | cost | Earlier Detection |
| Easier Fabrication | high sensitivity | Small size |
| Eay to use | Room temperature operation | combustible |

|  |  |  |
| --- | --- | --- |
| Automation | Machine Learning | Safety |
| Alerting Danger to the people | 24 Hours Monitoring | Tamper- proof |
| Faster diffusion of critical situation | Smarter | Performing of data Analystics |

|  |  |  |
| --- | --- | --- |
| User friendly | Quality | Pollution Controller |
| Reliable Information | Quick setup | Low Maintenance |
| Wireless | Low operating cost | Robust protection |