**IBM**

**Gas Leakage Monitoring & Alerting System for Industries**

**Ideation**

**Brainstorming:**

1. **Anto Nidhish. M**
   1. Device must be capable of working in all environments.
   2. Data should be made available only to the authenticated users.
   3. Log must be maintained for monitoring the users who have accessed the data.
   4. Modifications on device configurations can only be done by an authenticated user.
2. **Arun Priyan. K**
   1. Messaging service should be made available.
   2. Network must be available at all times.
   3. Latency in delivering the message should be minimal.
   4. Product should be made of high-quality materials.
3. **Athinarayanan. B**
   1. Small amount of gas should be enough to detect.
   2. Wide range of gases should be detected.
   3. Cost of sensor should be economical.
   4. Ease of installation.
4. **Manish. T**
   1. Ease of Mobility.
   2. Good network connection.
   3. Secure communication via Internet.
   4. Rate of detection must be high.
5. **Mohamad Umar. M**
   1. Constant power source should be available.
   2. Backup power should be readily available in case of emergency.
   3. Backup data should be made available.
   4. Accuracy of detection must be high.

**Prioritized Ideas:**

* Rate of detecting the leaked gases must be high.
* Accuracy of detection must be high.
* Installation of the device should be easier.