CUSTOMER JOURNEY

Date	29 October 2022
Team ID	PNT2022TMID28572
Project Name	Hazardous Area Monitoring For Industrial Power plant powered by IoT
Maximum Marks	4 Marks

Steps

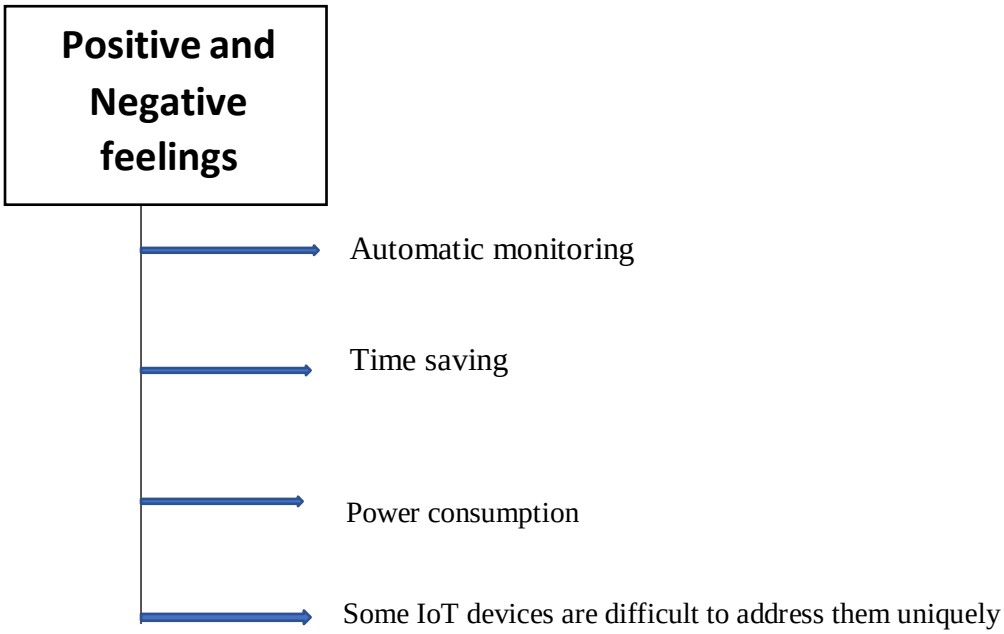
- Browse the available methods
- Find IoT is the best one
- Install the IoT hardware devices and python software
- Buy the Cloudant Data Base
- With help of Node-red (API) receives the alert message through mobile

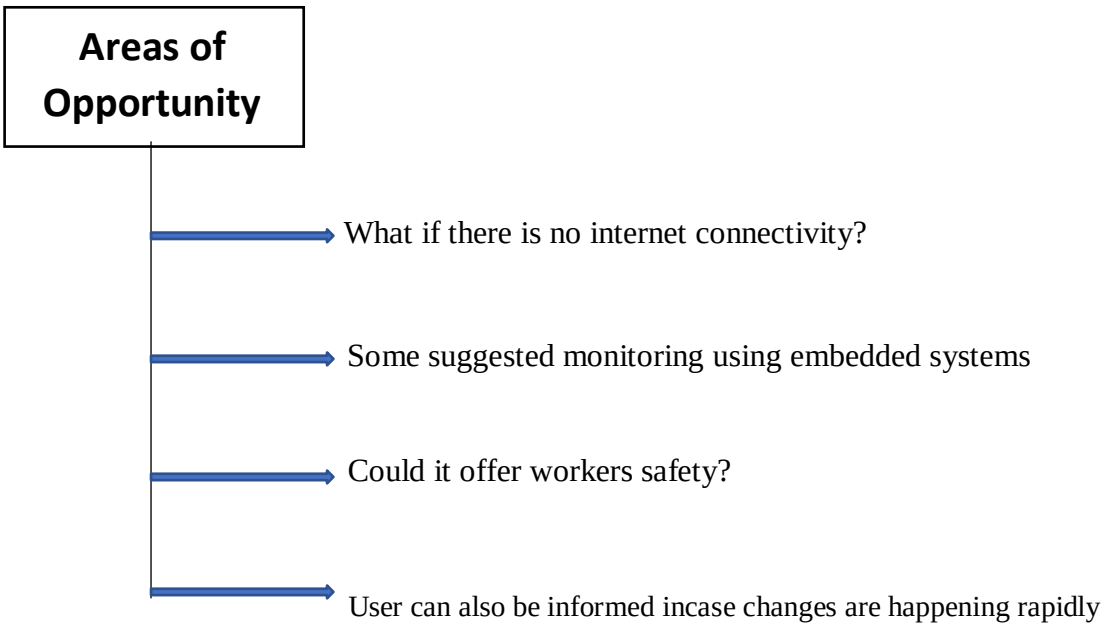
Interaction

- People : Industrial Workers
- Places: In Chemical industries
- Digital Touchpoints: Beacon temperature sensors, Arduino or Raspberry pi, IBM Watson IoT platform, Web User Interface (UI), Fast2SMS (QR) Alarm

Goals and Motivation

- To monitor and alert the industrial workers the risk of toxic or hazardous gases present within the area of an industry, ensuring the safety of the workers


Positive and Negative feelings
Automatic monitoring
Time saving
Power consumption
Some IoT devices are difficult to address them uniquely


Areas of Opportunity
What if there is no internet connectivity?
Some suggested monitoring using embedded systems
Could it offer workers safety?
User can also be informed incase changes are happening rapidly