IDEATION PHASE
EMPATHIZE & DISCOVER

DATE	01-09-2022
TEAM ID	PNT2022TMID26850
PROJECT NAME	Hazardous Area Monitoring for Industrial Plant powered by IoT
Maximum marks	4 marks

1

Build empathy and keep your focus on the user by putting yourself in their shoes.

Accuracy of measuring temperature

Safety consideration

Connectivity between device and API

What do they
THINK AND FEEL?

what really counts
major preoccupations
worries & aspirations

What do they
HEAR?

what friends say
what boss say
what influencers say

Reaction time and alarm system

what are the device used measure the temperature?

what is the threshold temperature?

Output efficiency

Reliability of the product

what are the ways to alarm

What do they
SEE?

environment
friends
what the market offers

What do they
SAY AND DO?

Sending random humidity and temperature values will be send to the IBM IoT platform

Sensor values can be viewded in the web application

Notifies the admin the random values cross the threshold values

attitude in public
appearance
behavior towards others

PAIN

Device failure due to high temperature

fears
frustrations
obstacles

Maitanance cost is high

Econimical uncertainty

GAIN

Immediate response

"wants" / needs
measures of success
obstacles

Employee safety

Implementation and installation is easy