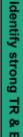
Team ID: PNT2022TMID26034

Explore Define AS CC 1. CUSTOMER SEGMENT(S) CS 6. CUSTOMER CONSTRAINTS 5. AVAILABLE SOLUTIONS Smart area monitoring sensors Wifi connectivity for sensors Smart beacon coverage area Employees who monitor AS, differentiat fit into Network access for beacon hazardous area in industrial plants Pros: Successful monitoring of area Beacon to watch connectivity Cons: Network coverage for sensors can't be reached J&P RC 7. BEHAVIOUR 2. JOBS-TO-BE-DONE / PROBLEMS 9. PROBLEM ROOT CAUSE It is important to note the employees safty. Working in hazardous area in The employees have a wearable watch To check and alert the humidity, industries are highly risk. Therefore, where they can see the required or Temperature, Infrared radiation this project helps employee to know specified details and act saftly and Air quality about their environment. according to it

**Project Design Phase-I** 



# 3. TRIGGERS

Successful execution of our solution will make even other industry to implement this solution

#### 10. YOUR SOLUTION

TR

We are going to monitor the area using suitable sensors in the beacons. We will connect our wearable to the beacons. We will send updates to online cloud from the beacon. From the cloud we will be accessing the reading and using that we will have a web page and a mobile application to display them. We will have sms service to alert abnormal readings

### **8. CHANNELS of BEHAVIOUR**

## 8.1 ONLINE

SL

All the informations will be stored in cloud. so the employees can see the cloud storage or mobile application for referring the details of surroundings.

# 8.2 OFFLINE

Employees used to wear a watch which captures the information of the surroundings.

4. EMOTIONS: BEFORE / AFTER EM
It will be easy for employees to identify or to know about their environment
to know about their environment