Project Title: Hazardous area monitoring for industrial plant powered by IOT

Team ID: PNT2022TMID31893

	мент(s) s who monitor area in industria	cs al plants	6. CUSTOMER CONSTRAINTS Smart beacon coverage are Network access for beacon Beacon to watch connectivity		5. AVAILABLE SOLUTIONS Smart area monitoring sensors Wifi connectivity for sensors Pros: Successful monitoring of area Cons: Network coverage for sensors can't be reached
2. JOBS-TO-BE-DO	NE / PROBLEMS	J&P	9. PROBLEM ROOT CAUSE	RC	can't be reached 7. BEHAVIOUR BE
	and alert the hu ure,Infrared radi ality	midity,	It is important to note the emp safty. Working in hazardous a industries are highly risk. The this project helps employee to about their environment.	loyees rea in refore,	The employees have a wearable watch where they can see the required or specified details and act saftly according to it
3. TRIGGERS		TR	10. YOUR SOLUTION	SL	8. CHANNELS of BEHAVIOUR
Successful exe solution will ma industry to imp		on	We are going to monitor the area suitable sensors in the beacons. connect our wearable to the bea We will send updates to online of from the beacon. From the cloud be accessing the reading and us we will have a web page and a reading a reading and a reading a reading and a reading and a reading and a reading and a reading a reading and a reading a reading and a reading and a reading and a reading and a re	We will cons. loud we will ing that	ONLINE All the information's will be stored in cloud. so the employees can see the cloud storage or mobile application for referring the details of surroundings. OFFLINE Employees used to wear a watch which

application to display them. We will have

sms service to alert abnormal readings

captures the information of the

surroundings.

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