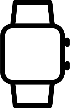
PROJECT DESIGN PHASE -1

**SOLUTION ARCHITECTURE**

|  |  |
| --- | --- |
| Date | 5th October 2022 |
| Team ID | PNT2022TMID09994 |
| Project Name | Hazardous Area Monitoring for Industrial Plant powered by IoT. |

SYSTEM ARCHITECTURE:

Cloud



Temperature Sensor

Toxic gases/ high temp.

Beacon Sensor

Wearable device Mobile API

User

Gathers information about that area's temperature.

While close to the beacon, displays temperature values.

Temperature values displayed, SMS notifies the user when a high temperature is detected.

Plant Admins.

Industrial plant managers monitor dangerous temperatures and take the required measure.