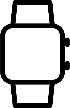
PROJECT DESIGN PHASE -1

**SOLUTION ARCHITECTURE**

|  |  |
| --- | --- |
| Date | 15-OCTOBER-2022 |
| Team ID | PNT2022TMID51106 |
| Project Name | Project – Hazardous Area Monitoring for Industrial Plant powered by IoT. |

SYSTEM ARCHITECTURE:

Cloud



Temperature Sensor

User

Toxic gases/ high temp.

Beacon Sensor

Collects Temperature parameters of that particular area.

Wearable device Mobile API

Displays Temperature values when near the beacon.

Displays Temperature values and alerts user when high temp. is detected through SMS.

Plant Admins.

Industry plant admins. on monitoring hazardous temp. and takes necessary precautions.

SEQUENCE DIAGRAM:

