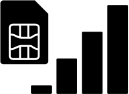
PROJECT DESIGN PHASE -II

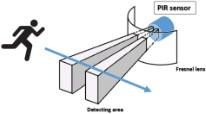
**Data Flow Diagram & User Stroies**

|  |  |
| --- | --- |
| **DATE**: | 03/11/2022 |
| **TEAM ID:** | PNT2022TMID16791 |
| **PROJECT NAME:** | Hazardous Area Monitoring for Industrial Plant powered by IOT |
| **MAXIMUM MARKS:** | 4 Marks |

**DATA FLOW DIAGRAM :**

* Monitor the real time industrial conditions using various sensors.
* Pass on the information using Gprs modem and store those information in the cloud which can be viewed by the industrial monitor.
* This system actively records and analyze the conditions to ensure safety of the workers and the environment.
* When the conditions exceeds beyond the safety limits, alert message are sent and also buzzer sound is activated.
* This provides specifications according to which solution is defined and managed.
* Gives the best technology solution to solve the problem.

**PIR SENSOR ARDUINO GPRS MODEM CLOUD WEB APPLICATION**



**FIRE SMOKE TEMPERATURE INDUSTRIAL ACTIVITY MONITOR SENSOR SENSOR SENSOR**



**BUZZER ALERT MESSAGE ALERT**



**USER MOBILE**

**User Stories:**

