

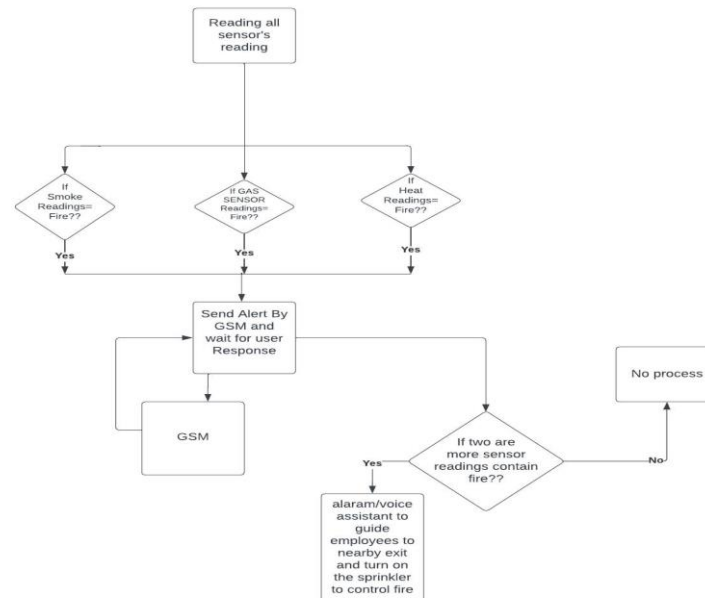
Project Design Phase-II Data Flow Diagram & User Stories

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|---------------|---|
| Date | 08 November 2022 |
| Team ID | PNT2022TMID49266 |
| Project Name | Gas Leakage Monitoring & Alerting System For Industries |
| Maximum Marks | 4 Marks |

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example:



User Stories

Use the below template to list all the user stories for the product.

| User Type | Functional Requirement (Epic) | User Story Number | User Story / Task | Acceptance criteria | Priority | Release |
|-----------|-------------------------------|-------------------|---|-----------------------|----------|----------|
| Customer | Installation | USN-1 | As a user, I can install the gas leakage sensor device in every sections in the floor | I can do it by myself | High | Sprint-1 |
| Customer | Power connection | USN-2 | As a user, I want ensure power supply for all devices | I will ensure it | High | Sprint-2 |
| Customer | Safety | USN-3 | As a user, I want to ensure that the device should not be in contact with water | I will ensure that | High | Sprint-3 |
| Customer | Battery Status | USN-4 | As a user, I want check the battery status monthly once | I can assure that | Medium | Sprint-4 |
| Customer | Internet Connectivity | USN-5 | As a user, I want to check the internet connectivity | I will ensure that | High | Sprint-5 |