Project Design Phase-II

Data Flow Diagram & User Stories

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| --- | --- |
| Date | 10 November 2022 |
| Team ID | PNT2022TMID12796 |
| Project Name | Industry-specific Intelligent Fire Management System |
| Maximum Marks | 4 Marks |

# Data Flow Diagrams:

A data flow diagram (DFD) is a traditional visual representation of the flowof information in a system. A clean and tidy DFD can representareasonable amount of system requirements graphically. It shows how data enter and exits the system, what changes the information, and where the data is stored

**Alarm System**

**Temperature**

**Sensor**

**Temperature**

**Control**

**Response of Fire Fighters**

**Detecting Process**

**Gas Control**

**GAS**

**Sensor**

**Motion**

**Sensor**

**Sending Messages to the Customer**

**Turning ON Fire Alarm**

**Smoke Control**

**User Story:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **User Type** | **Functional**  **Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Acceptance criteria** | **Priority** | **Release** |
| Customer (Mobile user) | Registration | USN-1 | As a user, you can register in the application by entering your email address, password, and confirming the password. | Can access my account/dashboard. | High | Sprint-1 |
|  |  | USN-2 | As a user, you will receive a confirmation email after registering in the application | You will receive a confirmation email and can click Confirm. | High | Sprint-1 |
|  |  | USN-3 | As a user, you can register in the application via Facebook. | You can register with your Facebook login to access your dashboard | Low | Sprint-2 |
|  |  | USN-4 | As a user, you can register in the application via Gmail. |  | Medium | Sprint-1 |
|  | Login | USN-5 | As a user, you can login to the application by entering your email and password |  | High | Sprint-1 |
|  | Dashboard |  |  |  |  |  |
| Customer (Web user) |  |  |  |  |  |  |
| Customer Care Executive |  |  |  |  |  |  |
| Administrator |  |  |  |  |  |  |
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