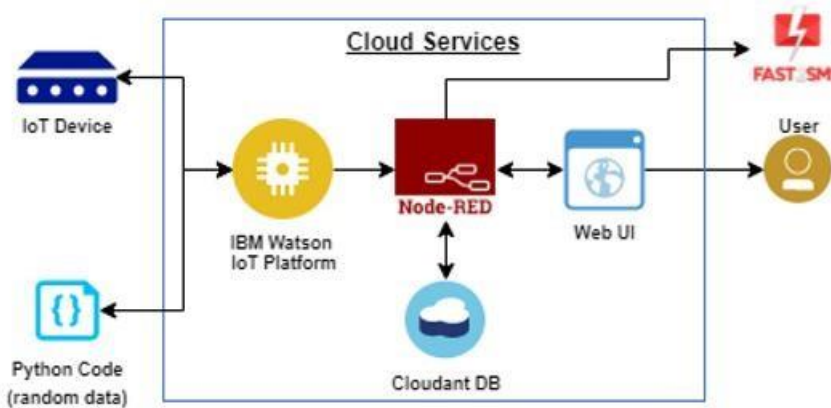


## Project Design Phase-II Data Flow Diagram & User Stories

|               |  |
|---------------|--|
| Date          | 15 October 2022  |
| Team ID       | PNT2022TMID46768   |
| Project Name  | Gas leakage Monitering and alerting System<br>for Industries |
| Maximum Marks | 4 Marks  |

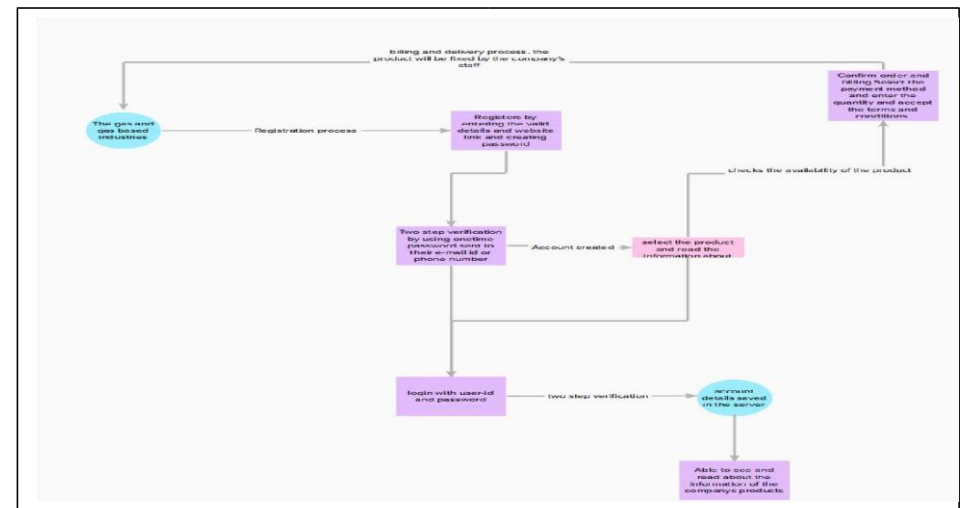
A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.

Example: [\(Simplified\)](#)



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



User Stories

| User Type                     | Functional Requirement (Epic) | User Story Number | User Story / Task   | Acceptance criteria   | Priority | Release   |
|-------------------------------|-------------------------------|-------------------|---|---|----------|-----------|
| Customer (Mobile user)        | Registration                  | USN-1             | As a user, I can register for the application by entering my email, password, and confirming my password. | I can access my account / dashboard                                   | High     | Sprint-1  |
| Customer (Mobile user)        | confirmation                  | USN-2             | As a user, I will receive confirmation email once I have registered for the application                   | I can receive confirmation email & click confirm                      | High     | Sprint-1  |
| Customer (Mobile user)        | Sign-in                       | USN-3             | As a user, I can register for the application through Facebook  | I can register & access the dashboard with Facebook Login             | Low      | Sprint-2  |
| Customer (Mobile user)        | Sign-in                       | USN-4             | As a user, I can register for the application through Gmail   | I can register and login through gmail                                | Medium   | Sprint-1  |
| Customer (Mobile user)        | Login                         | USN-5             | As a user, I can log into the application by entering email & password                                    | I can login through the username/gmail and password                   | High     | Sprint-1  |
| Customer (Mobile user/PCuser) | Dashboard                     | USN-6             | As a user I can see the dashboard and see the information about their products                            | I can access the website through my account                           | Medium   | Sprint -2 |
| Customer (Web user)           | Website                       | USN-7             | As a user I can see the dashboard and login page in the right top   | I can access the website and place order through logn my user account | High     | Sprin-3   |
| Customer Care Executive       | Website                       | USN-8             | As a user I can contact the customer care through helpline or contact number given                        | I can get to contact to the customercare.                             | Medium   | Sprint-4  |
| Administrator                 | Service                       | USN-9             | I can get reply from the adimistrator.  | The administrator will solve the issues faced by me                   | High     | Sprint-4  |