

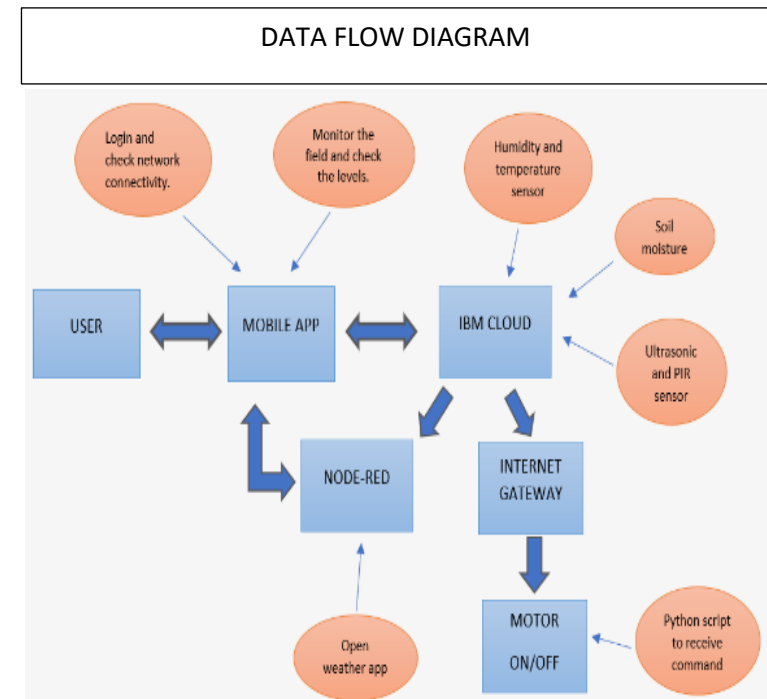
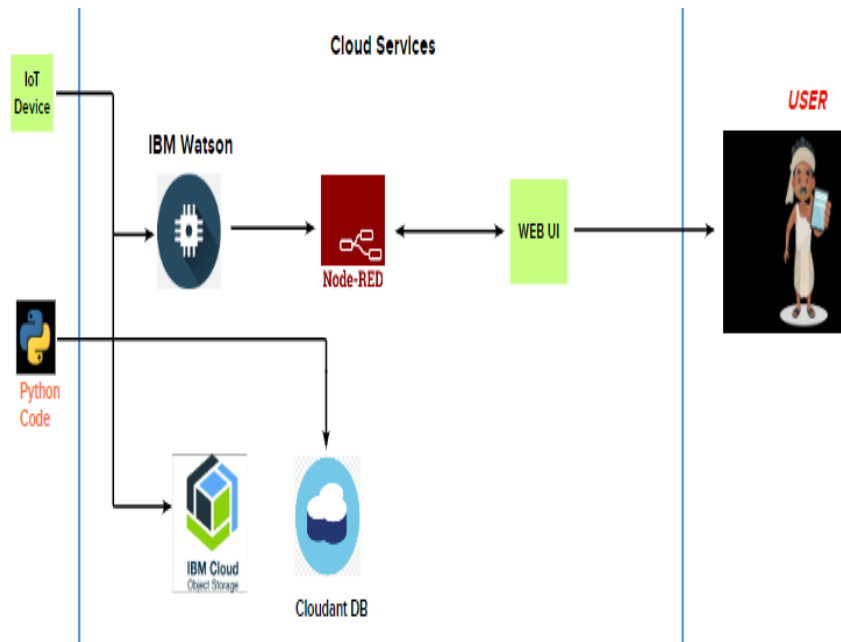
## Project Design Phase-II Data Flow Diagram & User Stories

|               |  |
|---------------|--|
| Date          | 16 October 2022  |
| Team ID       | PNT2022TMID41289                                       |
| Project Name  | IOT based smart crop protection system for agriculture |
| 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.

### FLOW:



## 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 (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 |
|                         | Mail 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 |
|                         | Facebook Access                  | 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 |
|                         | Register                         | USN-4               | As a user, I can register for the application through Gmail   | I can register for the application                        | Medium   | Sprint-1 |
|                         | Login                            | USN-5               | As a user, I can log into the application by entering email & password                                    | I can log into the required application                   | High     | Sprint-1 |
| Customer (Web user)     | Same as Mobile user              | Same as Mobile user | Same as Mobile user   | Same as Mobile user                                       | High     | Sprint-1 |
| Customer Care Executive | Farmer Welfare Department        | USN-1               | As a user, I managing a team of representatives offering customer support                                 | I can communicate to them in proper manner                | High     | Sprint-1 |
|                         | Agriculture Extension Department | USN-2               | As a user, I provide technical aid to farmers on any agriculture issues                                   | I can implementation of agriculture extension activities  | High     | Sprint-1 |
| Administrator           | Farm Administrator               | USN-1               | As a user, I provide administrative support for farmers   | I informed about the financial and physical performance   | High     | Sprint-1 |
|                         |                                  | USN-2               | As a user, I live and work on the farm or an estate   | I take responsibility                                     | Medium   | Sprint-1 |