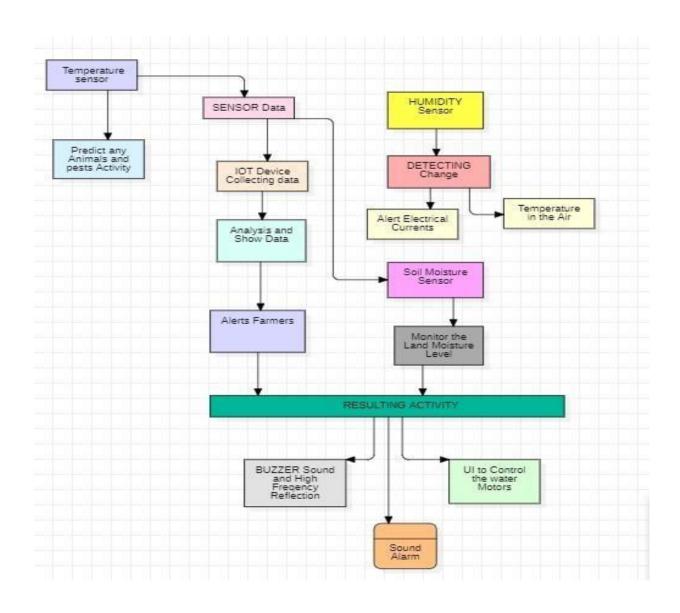
## Project Design Phase-2

## Data Flow Diagram & User Stories

| Date          | 3 October 2022                         |
|---------------|--|
| Team ID       | PNT2022TMID53952                       |
| Project Name  | IOT Based Small Crop Protection System |
|               | For Agriculture                        |
| Maximum Marks | 4 Marks                                |



| User Type                    | Functional<br>requiremen<br>t (Epic) | User<br>Story<br>number | User Story/Task  | Acceptance<br>criteria                           | Priority | Release  |
|------------------------------|--------------------------------------|-------------------------|--|--|----------|----------|
| Customer<br>(Mobile<br>user) | Registratio<br>n                     | USN-1                   | User can enter into the web application  | I can access<br>my account<br>/dashboard         | High     | Sprint 1 |
|                              |                                      | USN-2                   | User can register their credentials like email id and password                                 | I can receive confirmation email &click confirm  | High     | Sprint 1 |
|                              | Login                                | USN-3                   | User can log into the application y entering email and password                                | I can login to<br>my account                     | High     | Sprint 1 |
|                              | Dashboard                            | USN-4                   | User can View the temperature  | I can view<br>the data<br>given by the<br>device | High     | Sprint 2 |
|                              |                                      | USN-5                   | User can view the level of sensor monitoring value   | I can view<br>the data<br>given by the<br>device | High     | Sprint 2 |
| Customer<br>(Web user)       | Usage                                | USN-1                   | User can view the web page and get the informaton  | I can view<br>the data<br>given by the<br>device | High     | Sprint 3 |
| customer                     | Working                              | USN-1                   | User act according to the alert given by the device  | I can get the<br>data work<br>according to<br>it | High     | Sprint 3 |
|                              |                                      | USN-2                   | User turns ON the water<br>motors/Buzzer/Sound<br>Alarm when occur the<br>disturbance on field | I can get the<br>data work<br>according to<br>it |          | Sprint 4 |

| Customer     | Action      | USN-1 | User solve the problem | I Can solve  | High | Sprint 4 |
|--------------|-------------|-------|------------------------|--------------|------|----------|
| care         |             |       | when some faces any    | the issues   |      |          |
| Executive    |             |       | usage issues           | when some    |      |          |
|              |             |       |                        | one fails to |      |          |
|              |             |       |                        | understandin |      |          |
|              |             |       |                        | g the        |      |          |
|              |             |       |                        | procedure    |      |          |
| Administrati | Administrat | USN-1 | Use store every        | I Can store  | High | Sprint 4 |
| on           | ion         |       | information            | the gained   |      |          |
|              |             |       |                        | information  |      |          |