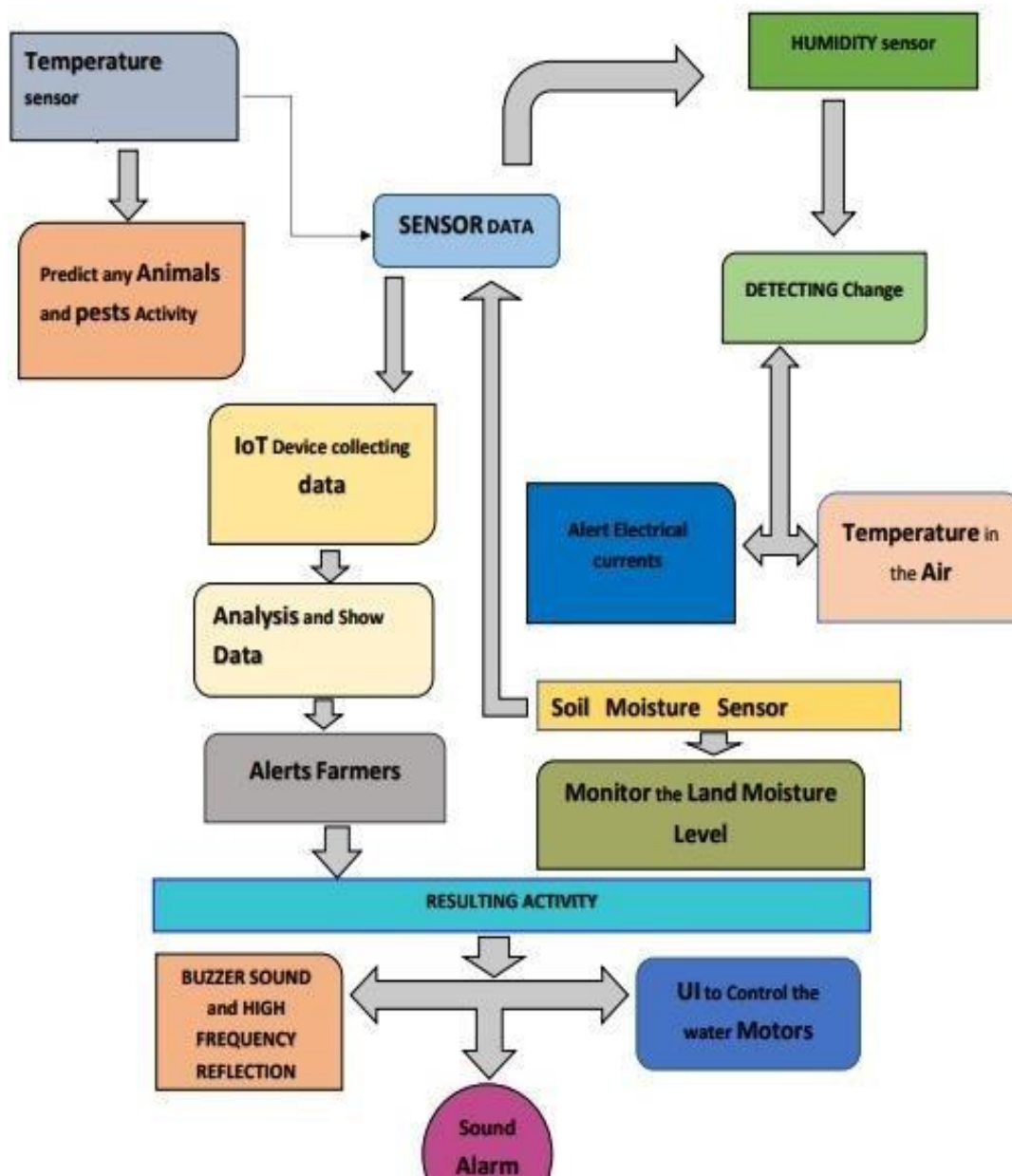


## Project Design Phase-II

### Data Flow Diagram & User Stories

|               |  |
|---------------|--|
| Date          | 16 October 2022  |
| Team ID       | PNT2022TMID44577                                       |
| Project Name  | IOT based smart crop protection system for agriculture |
| Maximum Marks | 4 Marks  |

#### Data Flow Diagram:



## User stories:

| User Type    | Functional requirement (Epic) | User Story number | User Story/Task  | Acceptance criteria                              | Priority | Release  |
|--------------|-------------------------------|-------------------|--|--|----------|----------|
| Mobile users | Registration                  | USN-1             | User can enter into the web application  | I can access my account /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 by entering email & password                         | I can login to my account                        | High     | Sprint 1 |
|              | Dashboard                     | USN-4             | User can view the temperature  | I can view the data given by the device          | High     | Sprint 2 |
|              |                               | USN-5             | User can view the level of sensor monitoring value                                     | I can view the data given by the device          | High     | Sprint 2 |
| Web users    | Usage                         | USN-1             | User can view the web page and get the information                                     | I can view the data given by the device          | High     | Sprint 3 |
| Customer     | Working                       | USN-1             | User act according to the alert given by the device                                    | I can get the data work according to it          | High     | Sprint 3 |
|              |                               | USN-2             | User turns ON the water motors/Buzzer/Sound Alarm when occur the disturbance on field. | I can get the data work according to it          |          | Sprint 4 |

|                                |                |       |   |   |      |          |
|--------------------------------|----------------|-------|---|---|------|----------|
| <b>Customer care Executive</b> | Action         | USN-1 | User solve the problem when some faces any usage issues | I can solve the issues when some one fails to understanding the procedure | High | Sprint 4 |
| <b>Administration</b>          | Administration | USN-1 | User store every information                            | I can store the gained information  | High | Sprint 4 |