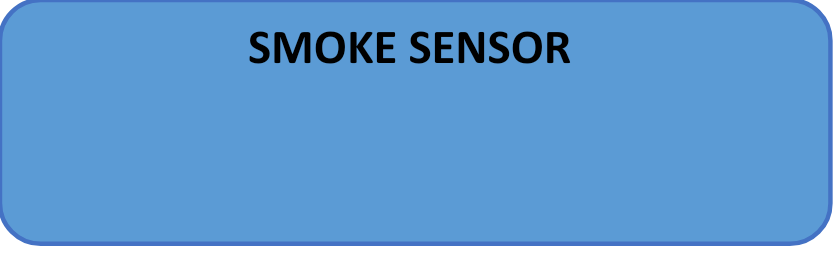
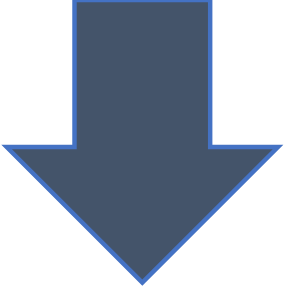
**Project Design Phase-2**

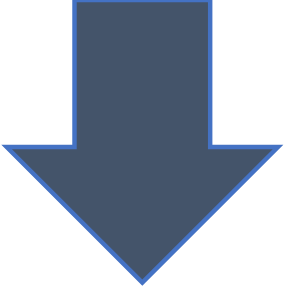
**Data Flow Diagram**

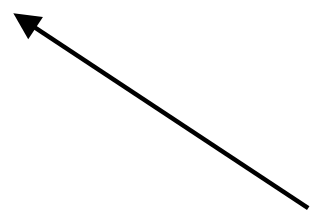
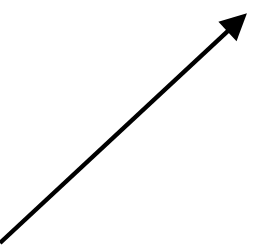
| **Date** | **14 October 2022** |
| --- | --- |
| **Team ID** | **PNT2022TMID07580** |
| **Project Name** | **IoT based smart crop protection system for agriculture** |
| **Maximum Marks** | **4 Marks** |

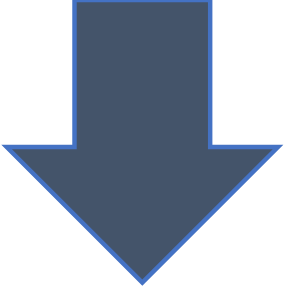
**DATA FLOW DIAGRAM:**



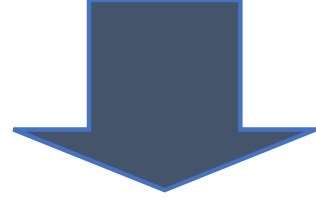


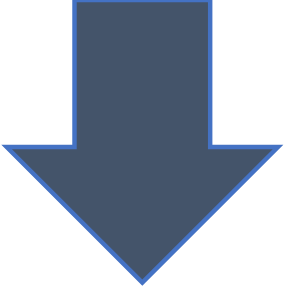
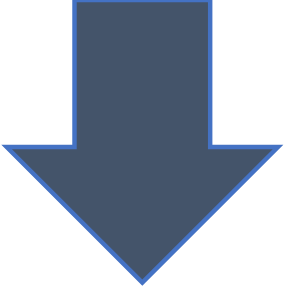
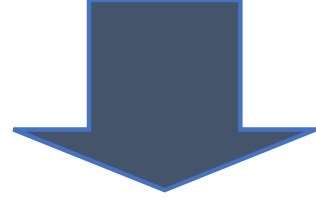
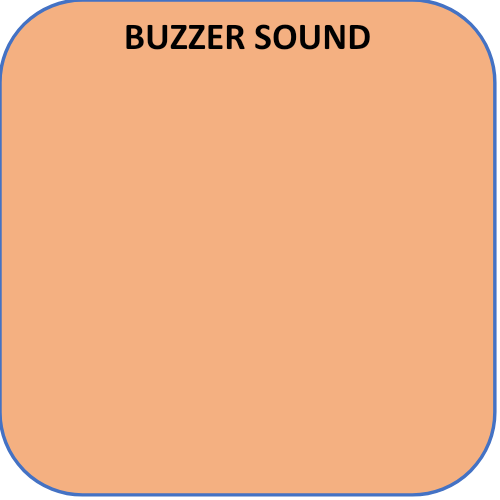












| **User Type** | **Functional requirement (Epic)** | **User**  **Story**  **number** | **User Story/Task** | **Acceptance**  **criteria** | **Priority** | **Release** |
| --- | --- | --- | --- | --- | --- | --- |
| **Customer(Mobile**  **user)** | **Registration** | **USN-1** | **User can enter into the web application** | **I can access my account /dashboard** | **High** | **Sprint 1** |
|  |  | **USN-2** | **User can register their credentials like email id and password** | **Ican receive confirmationemail & 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 animal's entry** | **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** |
| **Customer(Web user)** | **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** | **High** | **Sprint 4** |
| **Customer care Executive** | **Action** | **USN-1** | **User solve the problem when some faces any usage issues** | **I can solve the issues when some one fails to understandg the procedure** | **High** | **Sprint 4** |
| **Administration** | **Administration** | **USN-1** | **User store every information** | **I can store the gained information** | **High** | **Sprint 4** |