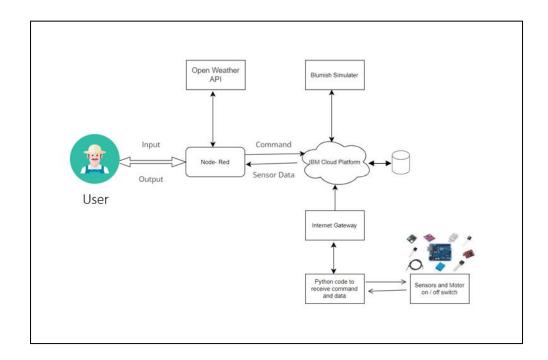
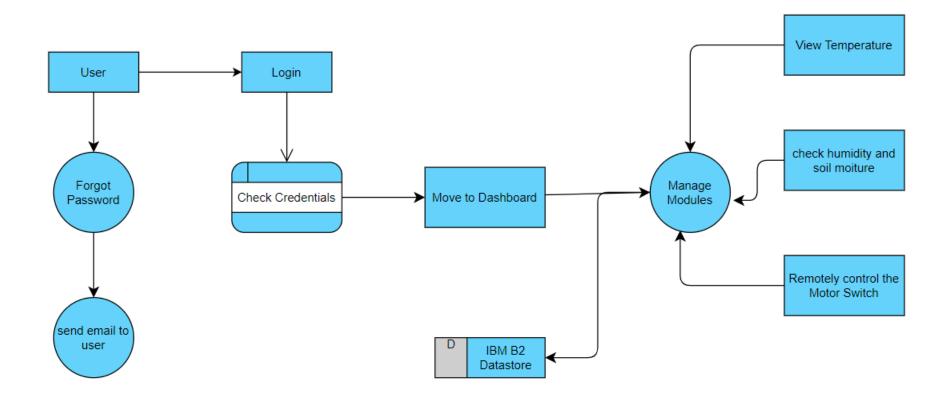
## Project Design Phase-II Data Flow Diagram & User Stories

| Date          | 26 October 2022                       |  |
|---------------|---------------------------------------|--|
| Team ID       | PNT2022TMID40916                      |  |
| Project Name  | Project–SmartFarmer-IoT Enabled smart |  |
|               | Farming Application                   |  |
| Maximum Marks | 4Marks                                |  |

## **Smart Farming Application Flow Diagram (simplified)**



## **Data Flow Diagrams:**



## **User Stories**

| User Type                 | Functional<br>Requirement<br>(Epic) | User Story<br>Number | User Story / Task   | Acceptance criteria  | Priority | Release  |
|---------------------------|-------------------------------------|----------------------|---|--|----------|----------|
| Customer<br>(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 |
|                           |                                     | 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 |
|                           |                                     | USN-3                | As a user, I can register for the application through Gmail   |  | Medium   | Sprint-1 |
|                           | Login                               | USN-4                | As a user, I can log into the application by entering email & password  |  | High     | Sprint-1 |
| Customer (Web user)       | Dashboard                           | USN-5                | As a User can view the dashboard, and this dashboard include the check roles of access and then move to the manage modules. | I can view the dashboard in this smart farming application system. | High     | Sprint 2 |
|                           |                                     | USN-6                | User can remotely access the motor switch   | In the smart farming app   | High     | Sprint 3 |
| Administrator             |                                     |                      | As a user once view the manage modules this describes the Manage system Admins and Manage Roles of User and etc.            |  |          | Sprint 2 |