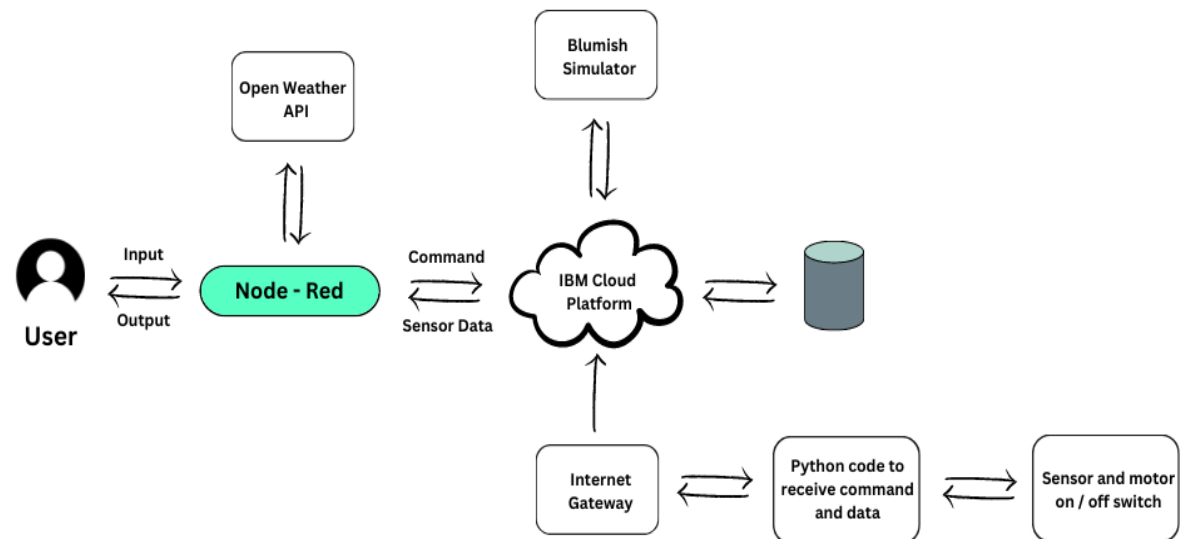


## Project Design Phase-II

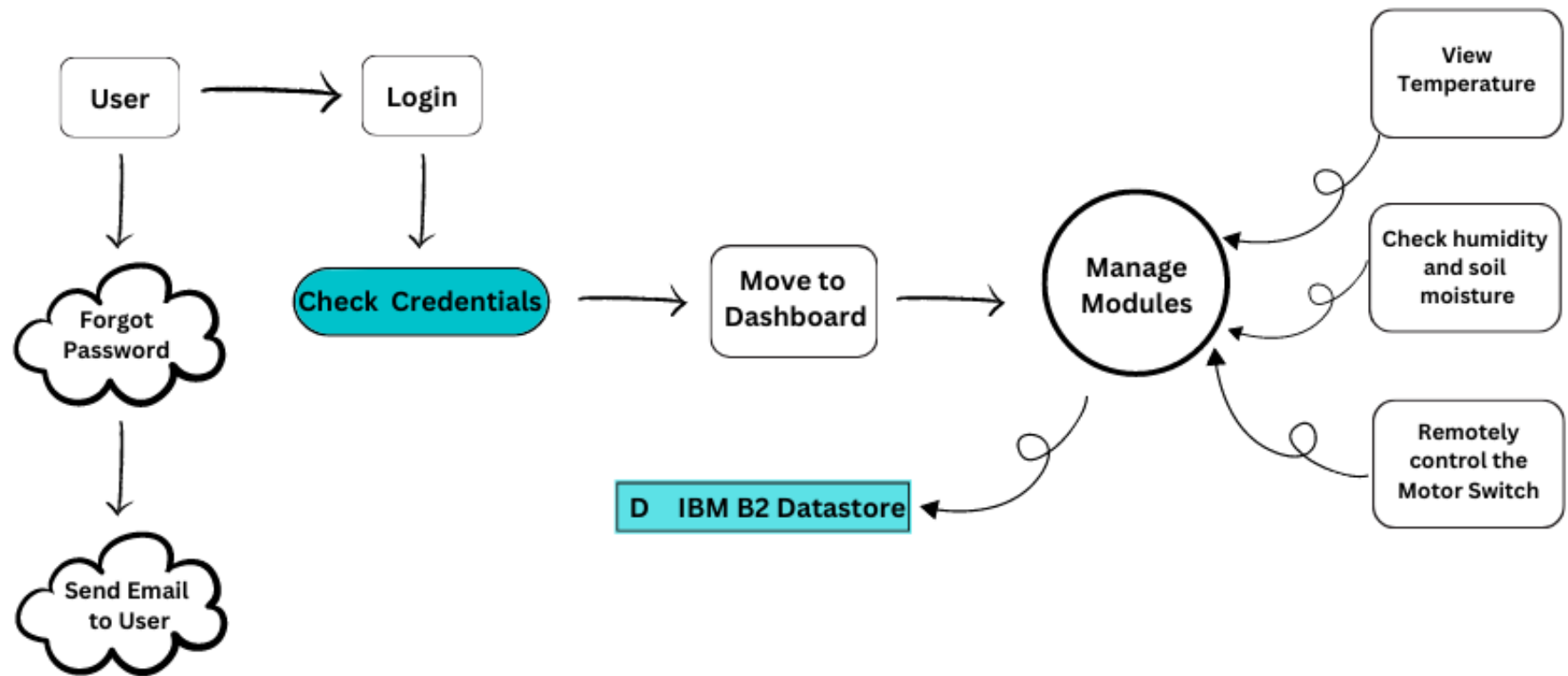
### Data Flow Diagram & User Stories

|               |  |
|---------------|--|
| Date          | 15 October 2022  |
| Team ID       | PNT2022TMID31713   |
| Project Name  | Project – Smart Farmer-IoT Enabled smart Farming Application |
| Maximum Marks | 4 Marks  |

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



## Data Flow Diagrams:



## User Stories

| User Type              | Functional Requirement (Epic) | User Story Number | User Story / Task  | Acceptance criteria   | Priority | Release  |
|------------------------|-------------------------------|-------------------|--|---|----------|----------|
| Customer (Mobile user) | Registration                  | USN-1             | I can sign up for the application as a user by providing my email address, a password, and a password confirmation.      | I can access my account / dashboard   | High     | Sprint-1 |
|                        |                               | USN-2             | Once I've signed up for the application, I, as a user, will receive a confirmation email.                                | I can receive confirmation email & click confirm                            | High     | Sprint-1 |
|                        |                               | USN-3             | I may sign up for the application as a user using Gmail.   |   | Medium   | Sprint-1 |
|                        | Login                         | USN-4             | I may access the application as a user by providing my email address and password.                                       |   | High     | Sprint-1 |
| Customer (Web user)    | Dashboard                     | USN-5             | As a user, you may visit the dashboard, where you can verify the access roles before moving on to the manage modules.    | In this system of smart agricultural applications, I can see the dashboard. | High     | Sprint 2 |
|                        |                               | USN-6             | The motor switch is remote-accessible by the user.   | In the app for smart farming  | High     | Sprint 3 |
| Administrator          |                               |                   | Once a user views the manage modules, they are described together with the manage system admins, manage user roles, etc. |   |          | Sprint 2 |