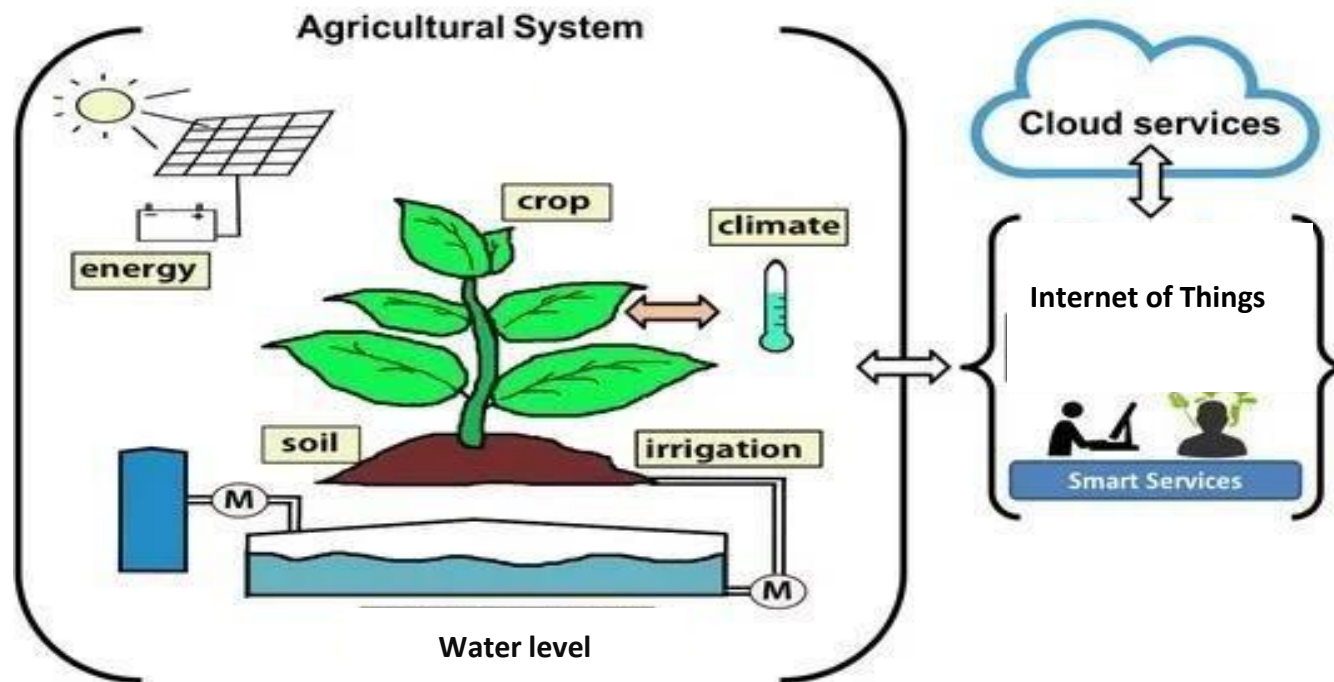## DATA FLOW DIAGRAM & USER STORIES

DATE	20 OCTOBER 2022
TEAM ID	PNT2022TMID54503
PROJECT NAME	**SMART FARMER-IOT ENABLED SMART FARMING APPLICATION**
MAXIMUM MARKS	4 Marks

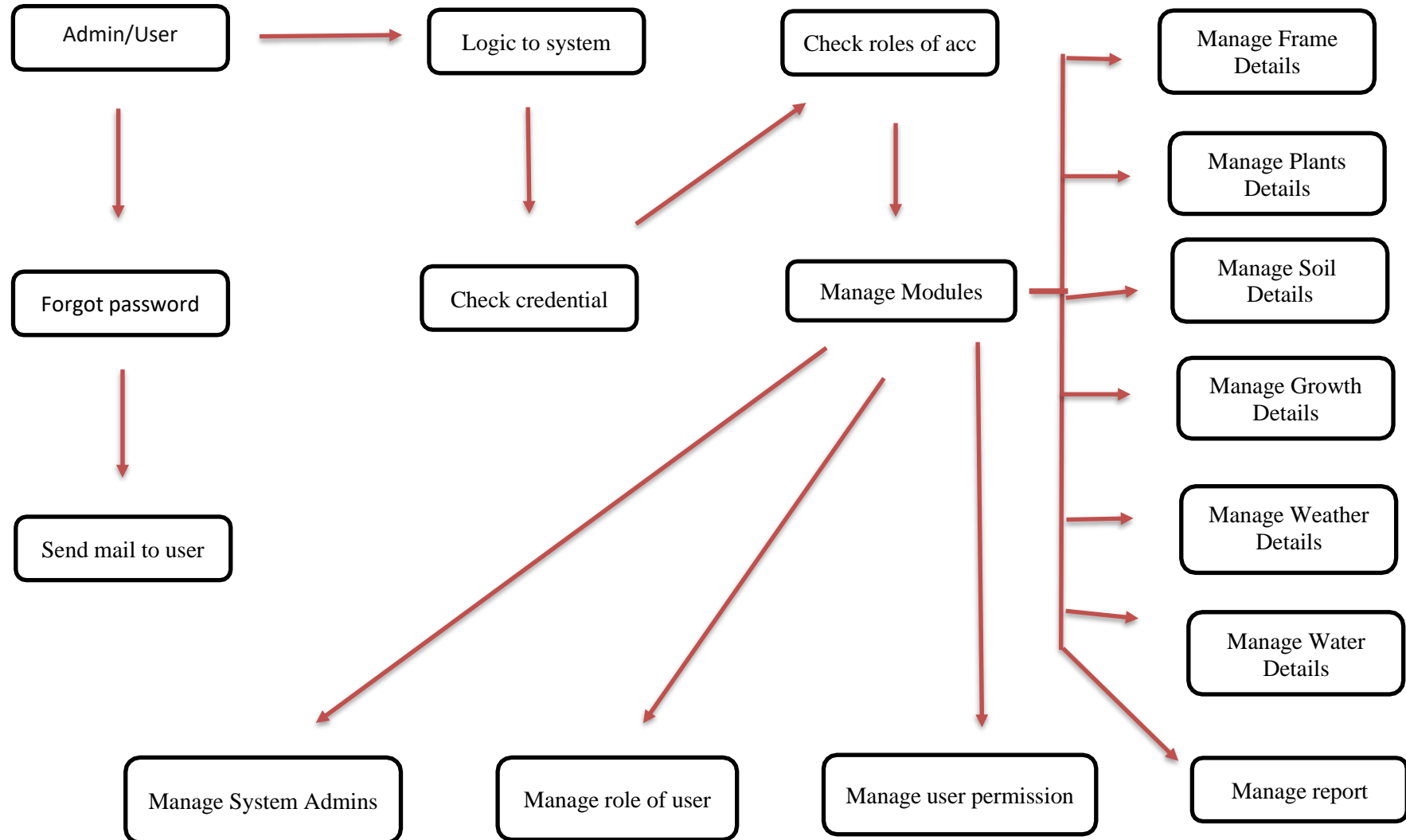**Data Flow Diagrams:**

The classic visual representation of how information moves through a system is a data flow diagram (DFD). A tidy and understandable DFD can graphically represent the appropriate quantity of the system demand. It demonstrates how information enters and exits the system, what modifies the data, and where information is kept.

Data Flow Graph: (Simplified)

DATA FLOW GRAPH (detail)

Admin/User → Logic to system → Check roles of acc

Admin/User → Forgot password → Send mail to user

Logic to system → Check credential

Check roles of acc → Manage Modules

Manage Modules → Manage Frame Details

Manage Modules → Manage Plants Details

Manage Modules → Manage Soil Details

Manage Modules → Manage Growth Details

Manage Modules → Manage Weather Details

Manage Modules → Manage Water Details

Manage Modules → Manage System Admins

Manage Modules → Manage role of user

Manage Modules → Manage user permission

Manage Modules → Manage report

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	When I register for the application as a user, I will get a confirmation email.	I can receive confirmation email & click confirm	High	Sprint-1
		USN-3	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm to login	Medium	Sprint-1
	Login	USN-4	As a user, I can log into the application by entering email & password		High	Sprint-1

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
		USN-5	If I forgot my password or username, I can reset it again through my email	I can receive reset Mail to the registered Email Id	High	Sprint-2
Customer (Web user)	Registration	USN-6	As a user, I can register by entering my email, password, and confirming my password	I can access my account / dashboard	High	Sprint-2
		USN-7	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-2
		USN-8	As a user, I can register for the application through Gmail	I can receive confirmation email & click confirm to login	Medium	Sprint-2
	Login	USN-9	As a user, I can log into the application by entering email & password		High	Sprint-2
		USN-10	If I forgot my password or username, I can reset it again through my email	I can receive reset Mail to the registered Email Id	High	Sprint-3

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer Care Executive	Help	USN-11	If I have any doubt in using application or web, I can clarify it by clicking Help option in the dashboard.	I can get proper guidance from the supportive team	High	Sprint-3
Administrator	Feedback	USN-12	I Can give my feedback about the application and I can post my queries.	I can receive acknowledgement	Low	Sprinit-4