Project Design Phase-II
Data Flow Diagram & User Stories

Date	31 January 2025
Team ID	PNT2025TMID01160
Project Name	Predicting plant growth stages with environmental and management data using Power Bi
Maximum Marks	4 Marks

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
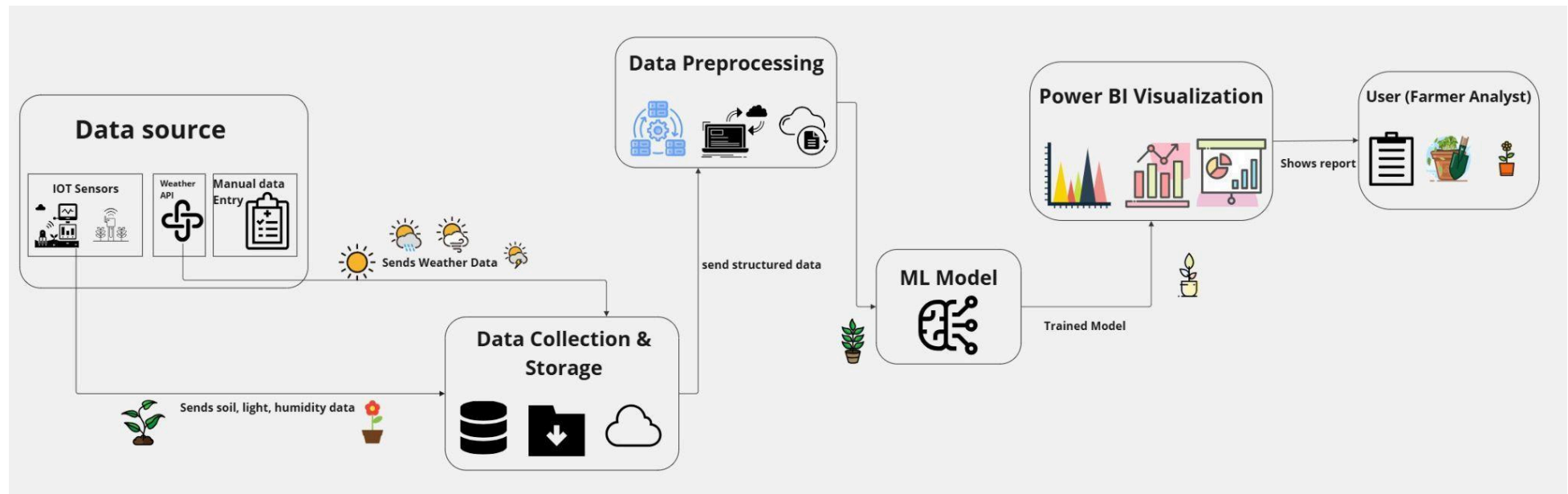
User Stories

Use the below template to list all the user stories for the product.

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Dashboard	View plant Growth Data	USN-1	As a user ,I can see real-time plant growth data on my dashboard	The dashboard loads updated plant growth metrics	High	Sprint-2
	Receive Alerts	USN-2	As a user ,I want to receive notifications if environmental conditions are not optional	I get a weekly/monthly Power BI alert via email/SMS	High	Sprint-2
Customer(Web User)	Data Visualization	USN-3	As web user,I want to view plant growth reports and trends	The dashboard provides data insights in charts/graphs	High	Sprint-2
Data Export		USN-4	As a web user ,I want to download plant growth data as an Excel file	I can export and download reports	Medium	Sprint-3
Customer care Executive	User Support	USN-5	As a customer care executive ,I want to view user inquiries	I can access and manage support tickets	High	Sprint-3
Administrator	User management	USN-6	As an administrator,i can add or remove users and set permissions	I can manage user access controls	High	Sprint-3
	Performance monitoring	USN-7	As an administrator,I want to track system performance and data load times	I can view system logs and reports	Medium	Sprint-3