Project Initialization and Planning Phase

Date	28-07-2025
Team ID	HK
Project Name	Predicting Plant Growth Stages with Environmental and Management Data Using Power BI
Maximum Marks	3 Marks

Problem Statements:

The Customer Problem Statement helps you focus on what matters to create experiences people will love. A well-articulated customer problem statement allows you and your team to find the ideal solution for your customers' challenges. Throughout the process, you'll also be able to empathize with your customers, which helps you better understand how they perceive your product or service.

Customer Problem Statement

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A smallscale farmer	Improve crop yield using smart irrigation	I don't have access to datadriven insights	Traditional methods don't tell me when and how much to irrigate	Frustrated and unsure about making the right farming decisions

PS-2	An agricultural officer	Track the efficiency of irrigation systems in different regions	Data from farms is unorganized and hard to interpret	There's no centralized tool that visualizes performance in real-time	Inefficient in decision-making and overwhelmed
PS-3	A farm equipment distributor	Understand what kind of irrigation solutions are most needed	I don't know what challenges farmers face with irrigation or crop growth	I lack real-time, location-based insights	Uncertain about customer needs and how to market effectively
PS-4	An agri-tech consultant	Recommend sustainable farming practices	I don't have visual data to support my analysis	My clients can't understand raw data without visuals	Less convincing, and my advice feels less credible