**Project Initialization and Planning Phase**

| Date | 21 June 2025 |
| --- | --- |
| Team ID |  |
| Project Name | Predicting Plant Growth Stages with Environmental and Management Data Using Power BI |
| Maximum Marks | 3 Marks |

**Define Problem Statements (Customer Problem Statement Template):**

Create a problem statement to understand your customer's point of view. The Customer Problem Statement template 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.

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| **Problem**  **Statement (PS)** | **I am**  **(Farmer)** | **I’m trying to** | **But** | **Because** | **Which makes me feel** |
| PS-1 | A precision agriculture consultant | Help clients improve resource efficiency by predicting plant growth stages accurately | Current tools are not user-friendly and require advanced data analytics skills | Most clients lack technical expertise and need simple, visual tools for insights | Limited in providing actionable, easy-to-understand insights to clients |
| PS-2 | A farm owner with multiple crop types | Monitor and manage the growth stages of different crops simultaneously | Existing methods don’t support multi-crop environments effectively | Each crop has different growth cycles, and tracking them manually is inefficient | Stressed and uncertain about timely interventions for each crop |

