

Project Initialization and Planning Phase

Date	25 July 2025
Team ID	Vinayak Garg
Project Name	Predicting Plant Growth Stages With Environmental And Management
Maximum Marks	3 Marks

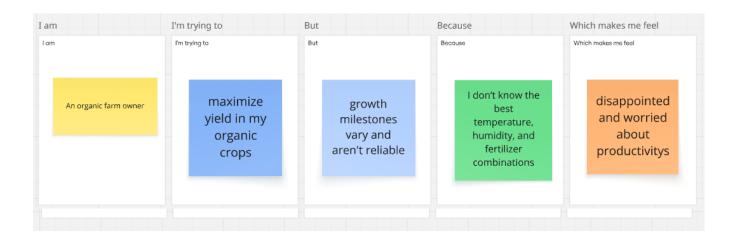
Define Problem Statements (Customer Problem Statement Template):

ABC Greenhouses has been facing challenges with inconsistent plant growth across its different greenhouse locations. By leveraging Power BI, the company plans to identify the best combination of soil type, sunlight hours, and watering frequency that leads to the highest growth milestones. The decomposition tree will help break down growth milestone counts by these factors, revealing that loam soil combined with daily watering and 6-8 hours of sunlight yields the best results. This insight will enable ABC Greenhouses to standardize these conditions across all locations, improving overall plant health and productivity.



Reference: https://miro.com/templates/customer-problem-statement/





Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A greenhouse manager	achieve consistent plant growth across locations	I'm not getting uniform growth	I haven't identified the best combination of soil, water, and sunlight	frustrated and unsure about improvements
PS-2	An organic farm owner	maximize yield in my organic crops	growth milesto nes vary and aren't reliable	I don't know the best temperatur e, humidity, and fertilizer combinations	disappointed and worried about productivity