# Project Initialization and Planning Phase

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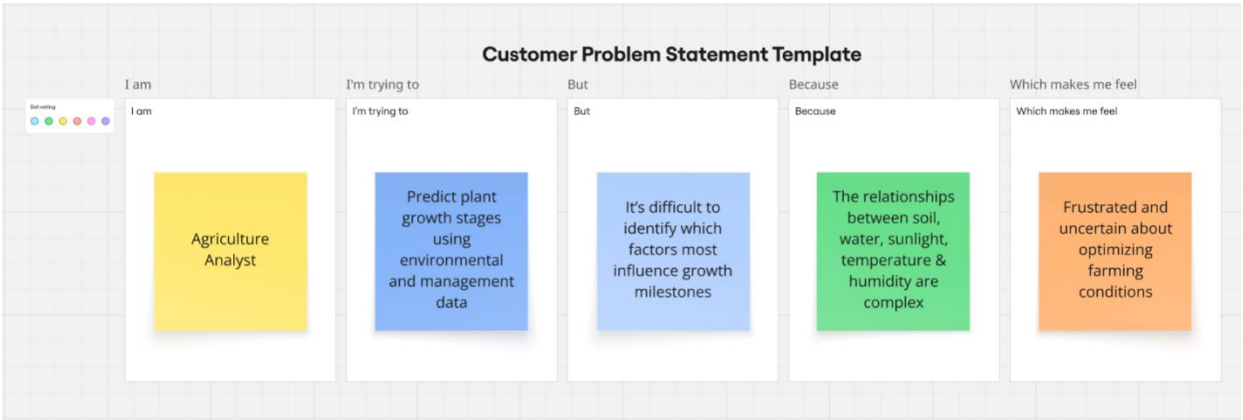
|---|---|
| Date | 23 July 2025 |
| Team ID | Sukriti |
| Project Name | predicting plant growth stages with environmental and management data using power bi |
| Maximum Marks | 3 Marks |

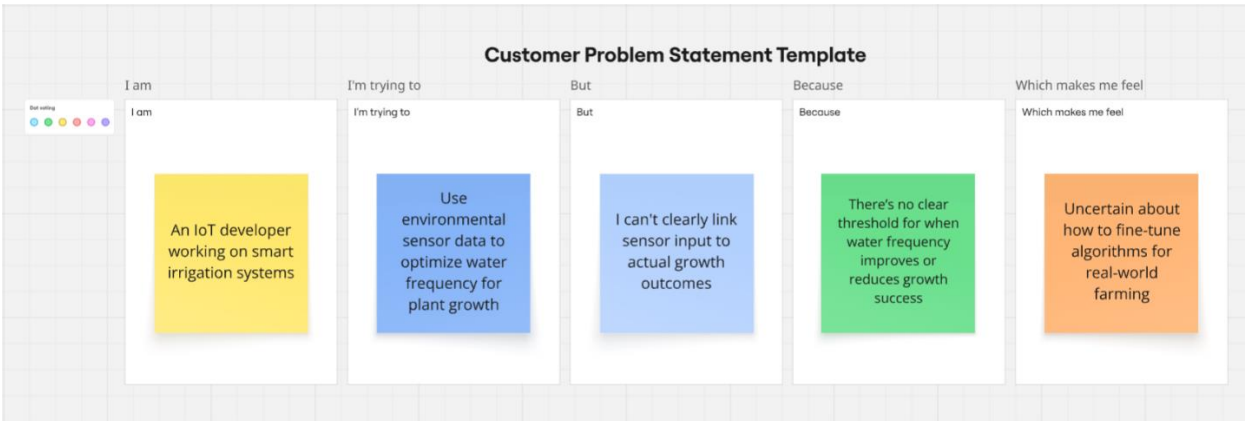
**Define Problem Statements (Customer Problem Statement Template):**

| | |
|---|---|
| I am | Describe the customer and their attributes here |
| I'm trying to | List the thing they are trying to achieve here |
| but | Describe the problems or barriers that get in the way here |
| because | Describe the reason the problems or barriers exist |
| which makes me feel | Describe the emotions the result from experiencing the problems or barriers |

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

**Example:**






| Problem Statement (PS) | I am (Customer) | I'm trying to | But | Because | Which makes me feel |
|---|---|---|---|---|---|
| PS-1 | Agriculture Analyst | Predict plant growth stages using environmental and management data | It's difficult to identify which factors most influence growth mileston es | The relationships between soil, water, sunlight, temperature & humidity are complex | Frustrated and uncertain about optimizing farming conditions |
| PS-2 | An IoT developer working on smart irrigation systems | Use environmental sensor data to optimize water frequency for plant growth | I can't clearly link sensor input to actual growth outcomes | There's no clear threshold for when water frequency improves or reduces growth success | Uncertain about how to fine-tune algorithms for real-world farming |