Project Initialization and Planning Phase

Date	4 July 2024
Team ID	SWTID1720076593
Project Name	Visual Diagnostics: Detecting Tomato Plant Diseases Through Leaf Image Analysis
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Farmers, especially those in rural and under-resourced areas, face significant challenges in diagnosing tomato plant diseases accurately and promptly. Lack of access to agricultural experts and resources further exacerbates the issue, leading to reduced crop yields and financial losses.

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	Tomato farmer	Efficiently identify and treat diseases in my tomato plants by analyzing leaf images	The current methods are time-consuming, often inaccurate, and require expert knowledge	I lack easy get admission to agricultural experts and diagnostic gear	Frustrated and involved about capacity crop losses
PS-2	Tomato farmer	Efficaciously become aware of and deal with illnesses in my tomato flora by way of reading leaf images	Existing diagnostic techniques aren't consumer-pleasant and require sizable manual attempt	I do now not have the know-how or assets to diagnose sicknesses efficiently	Overwhelmed and demanding about the fitness of my plants