Project Initialization and Planning Phase

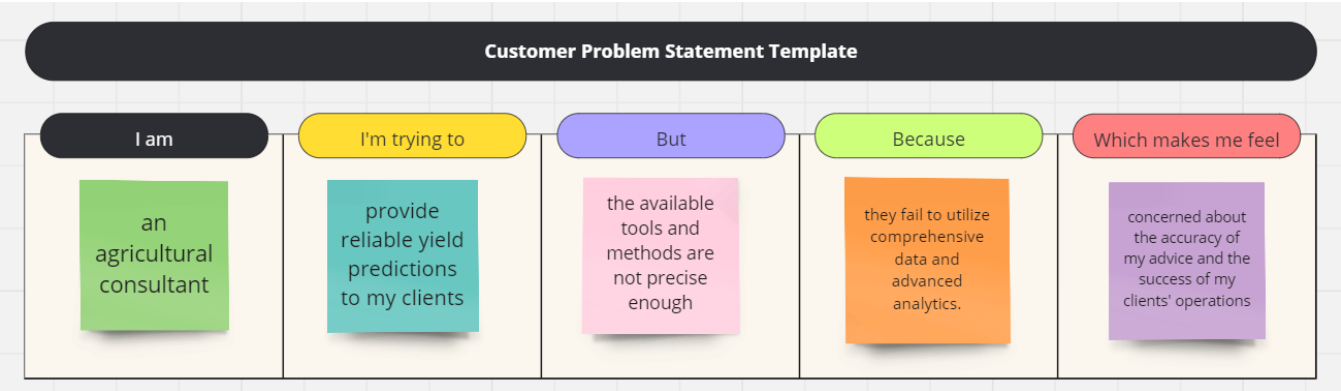
Date	18 July 2024
Team ID	SWTID1721319573
Project Name	Blueberry Yield Prediction
Maximum Marks	3 Marks

Define Problem Statements (Customer Problem Statement Template):

Wild blueberry farmers struggle with accurately predicting crop yields due to unreliable traditional methods, leading to resource misallocation and financial losses. They need a reliable, data-driven solution to forecast yields, considering factors like weather, soil quality, and pest pressure. An effective machine learning model can provide precise yield predictions, enhancing decision-making, efficiency, and profitability. The solution must be user-friendly, scalable, and capable of integrating various data sources to support sustainable and optimized farming practices.

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	A wild blueberry farmer	accurately predict the yield of my blueberry crops	the traditional methods I use are often inaccurate and time-consu	they do not effectively integrate and analyse multiple factors like weather conditions	frustrated and uncertain about my farming decisions, leading to potential financial losses and inefficiencies

			ming.	, soil quality, and pest pressure	
PS-2	an agricultural consultant	provide reliable yield predictions to my clients	the availab le tools and method s are not precise enough	they fail to utilize comprehe nsive data and advanced analytics	concerned about the accuracy of my advice and the success of my clients' operations