Project Initialization and Planning Phase

Date	4th June 2024
Team ID	SWTID1720109498
Project Name	Blueberry Yield Predictor
Maximum Marks	3 Marks

Define Problem Statements:

Accurately predicting blueberry yields is essential for optimizing farming practices amidst unpredictable weather, soil conditions, and pests. Farmers often struggle with these uncertainties, impacting productivity and profitability. Our project aims to develop precise machine learning models using historical yield data, weather patterns, soil characteristics, and pest incidence rates. By providing farmers with reliable yield forecasts, we empower them to make informed decisions, allocate resources efficiently, and enhance overall productivity while mitigating environmental risks.
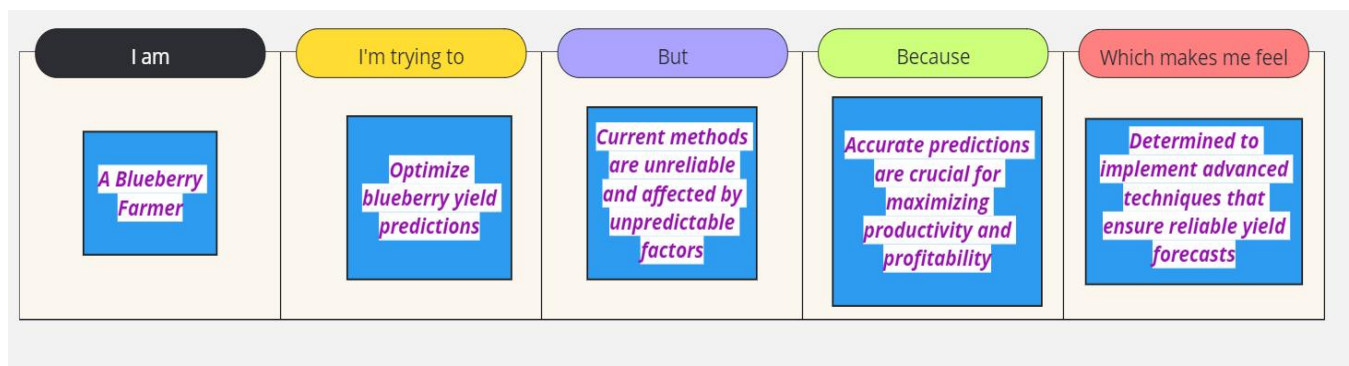
Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Blueberry Farmer	Optimize blueberry yield predictions	Current methods are unreliable and affected by unpredictable factors	Accurate predictions are crucial for maximizing productivity and profitability	Determined to implement advanced techniques that ensure reliable yield forecasts