

Project Initialization and Planning Phase

Date	05 July 2024
Team ID	739868
Project Name	BlueBerry Yield Prediction
Maximum Marks	3 Marks

Define Problem Statements (Problem Statement Template):

The most challenging task in the agricultural sector is accurately predicting crop yield. Blueberries are a significant agricultural product, and accurate yield prediction is crucial for farmers, suppliers, and retailers to optimize resources, manage supply chains, and ensure market stability. Crop yield depends on various factors such as rainfall, temperature, seeds, and pollination factors. Generally, farmers have higher expectations for the yield they get. To help predict the yield at the end of the season, we can create an efficient, user-friendly experience that aligns with the needs of farmers and retailers. This tool will help them make informed decisions about harvesting and marketing their berries, as well as plan for future seasons.

I am	I'm trying to	But	Because	Which makes me feel
a framer (cultivates BlueBerry)	Achieve a high yield	Can't accurately estimate the yield.	I Don't know what factors effects most.	Optimistic but uncertain about the yield.

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A Farmer who cultivates Blueberry.	Achieve a high yield	Can't accurately estimate the yield.	I Don't know what factors effects most.	Optimistic but uncertain about the yield.
PS - 2	A retails who buys and sales the blueberries	Gain High income in this season	Can't accurately estimate the yield.	I Don't know what factors effects most.	Optimistic but uncertain about the yield.