

Problem Solution Fit

Date	28 OCTOBER 2022
Team ID	PNT2022TMID12429
Project Name	Estimate the crop yield using dataanalytics
Maximum Marks	2 Marks

Problem Solution Fit

The Problem-Solution Fit simply means that you have found a problem with your customer and that the solution you have realized for it actually solves the customer's problem. It helps entrepreneurs, marketers and corporate innovators identify behavioral patterns and recognize what would work and why

Purpose

- ☐ Solve complex problems in a way that fits the state of your customers.
- ☐ Succeed faster and increase your solution adoption by tapping into existing mediums and channels of behavior.
- ☐ Sharpen your communication and marketing strategy with the right triggers and messaging.
- ☐ Increase touch-points with your company by finding the right problem-behavior fit and building trust by solving frequent annoyances, or urgent or costly problems.
- ☐ **Understand the existing situation in order to improve it for your target group.**

Project Title:Estimate the crop yield using data analytics

Project design phase-I Solution fit
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Define CS, fit into CC	1. CUSTOMER SEGMENT(S) CS 1.customer who is unable to estimate the yield of the crop. 2.customer find it difficult because it requires more statistical data to be Analyzed 3.customer is the person who involved in agricultural sector.	6. CUSTOMER CONSTRAINTS CC 1.Too much costs of pesticides 2.No proper system for efficient storage of natural resources 3.Too much of data to be analyzed which is hard to prepare and support.	5. AVAILABLE SOLUTIONS AS 1.Previously there was no proper tool for estimation farmers estimate on there own by estimating the crop yield by using grain weight and some crop models 2..This method do not provide much profit and this is not systematic manner.	Explore AS, differentiate
	2. JOBS-TO-BE-DONE / PROBLEMS J&P 1.Using minimum resources and increasing productivity 2.Advising the customer about marketing,harvesting and crop Rotation 3 Promoting less use of pesticides and improving organic farming	9. PROBLEM ROOT CAUSE RC 1.For an normal individual it is hard to estimate crop yield because it takes long time must data need to be verified and studied which is practical not possible 2.No proper system for efficient storage of natural resources 3.Too much cost of pesticides and other agriculture products	7. BEHAVIOUR BE 1.Suggesting the crop to be planted in the coming season can be done by this model by evaluating various criterias 2.This application provides a way for crop rotation	