PROJECT DESIGN PHASE 1-SOLUTION FIT

PROJECT TITLE:ESTIMATE THE CROP YIELD USING DATA ANALYTICS   **TEAM ID:PNT2022TMID21819**

1.CUSTOMER SEGMENT(S)	6.CUSTOMER CONSTRAINTS	5.AVAILABLE SOLUTIONS
Farmers and people in agricultural field	Less knowledge about the existing system, less resources,no money,software resources required.	Regression techiques with data mining does exist but prediction with data analytics is more effiecient.
2.JOBS-TO-BE-DONE/PROBLEMS	**9.PROBLEM ROOT CAUSE**	**7.BEHAVIOUR**
To predict the yield, we need to collect the datas regarding the weather,soil wealth etc.	.Different weather and its change is affecting the estimation and the yield	With the help of IBM cognos and effiecient role of data analytics and other subset datas of the farm, the estimation is done.
3.TRIGGERS	**10.YOUR SOLUTION**	**8.CHANNELS OF BEHAVIOUR**
There is an instant decrease in the yield made the customer to adopt a new techniques to predict the outcome	The outcome of the project is precise in predicting the yield estimation with the collected subsets is done succesfullyv	This is a combination of two parts : Online - In this the software estimation using IBM cognos takes place Offline - Surveys takes place in this mode to prepare the datas for estimation.
4.EMOTIONS:BEFORE/AFTER		
Before the solution the customer used a same technique in farming but after the prediction depending on the results new method is followed and the customer is satisfied about it		