

PROJECT DESIGN PHASE

(Problem Solution Fit)

SmartFarmer – IoT Enabled Smart Farming Application

Team_Id =PNT2022TMID14625

1.Customer segments: Types of Customers who are going to this project are <ul style="list-style-type: none">• Large Scale Farmers• Remote Farmer	4.Emotions: Farmers feel very relaxed and feel stress less while working in field.	7.Behavior: The customer needs to make a revolutionary change in farming by means of modern technologies.
2.Jobs to be done : The Customers want to automate the irrigation process, reduce cost of manual workers and minimize the power consumption.	5.Available solutions : We can give solutions to this problem by using the Smart Farming Application which collects the Moisture level data from the field and operate in the basis of that moisture level.	8.Problem route cause: The route cause for Smart farming Application is farmer's need to be felt comfortable.
3.Triggers: Farmers are facing many problems while farming in traditional manner. This triggers the Smart Farming Applications	6.Customer constrains: The customer needs a solution which will solve the problems in farming when he is in a remote location and that solution should fulfill the following needs. <ul style="list-style-type: none">• Cost efficient• Low power consumption• Time efficient	9.Solution: Our solution for this project is to give environment sustainable Product for the farming in modern era with reduced cost and with best efficiency