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| **Project Design phase – I**    **Problem Solution fit**  **Project name: Smart Farmer – IoT Based Smart Farming Application Team Id :** PNT2022TMID14849     |  |  |  | | --- | --- | --- | | **1.Customer segments:-**    Types of Customers who are going to this project are   * Large Scale Farmers * Remote Farmers | **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 fulfil the following needs.   * Cost efficient * Low power consumption * Time efficient | **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. |      |  |  |  | | --- | --- | --- | | **2.Jobs to be done :-**    The Customers want to automate the irrigation process, reduce cost of manual workers and minimize the power consumption | **9.Problem route cause:-**    The route cause for Smart farming Application is farmer’s need to be feel comfortable. | **7.Behavior:-**    The customer needs to make a revolutionary change in farming by means of modern technologies. |      |  |  |  |  |  | | --- | --- | --- | --- | --- | |  | 3.Triggers:-  Farmers are facing many problems while farming in traditional manner. This triggers the Smart Farming Applications. |  | **10.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. | 8.Channels of behavior:-  The channels of behavior recombines the ration of the following   * Online * Offline | | 4.Emotions:-  Farmers feel very relaxed and feel stressless while working in field. | |