**Team ID:** PNT2022TMID42568

**Project Title:** Smart Farmer – IOT Enabled Smart Farming Application

	CUSTOMER SEGMENTS     Customer are the Farmers who cultivate agriculture.	CS	6. CUSTOMER CONSTRAINTS  Cope with climate change, soil erosion and biodiversity loss.  Satisfy consumers' changing tastes and expectations.	5. AVAILABLE SOLUTIONS Increasing incomes. Agricultural transformation is very slow in India. Generating employment opportunities. Reducing risks in agriculture. Developing agri-infrastructure.
Focus on J&P, tap into BE,	2. JOBS-TO-BE-DONE / PROBLEMS  Maintaining the condition of the crop and soil. Watering is the most important job to be done by the farmers. Protecting from the insects.	<u>&amp;</u> P	9. PROBLEM ROOT CAUSE  Agriculture provides most of the world's food and fabrics. Cotton, wool, and leather are all agricultural products. Agriculture also provides wood for construction and paper products. These products as well as	7. BEHAVIOUR  Insufficient Water Supply  Less Use of Modern Farming Equipment  Over Dependence on Traditional Crops  Poor Storage Facilities  Transportation Problems  High Interest Rates.  Government Schemes are yet to reach Small Farmers.
	Agriculture is the most important job to be done for the survival of the all living beings not only the surveil of farmers. Food is the basic requirement for the survival. It triggers the Farmers to cultivate the crops from generation to generation	TR EM	10. YOUR SOLUTION  IoT in agriculture uses robots, drones, remote sensors, and computer imaging combined with continuously progressing machine learning and analytical tools for monitoring crops, surveying, and mapping the fields, and providing data to farmers for rational farm management plans to save both time and money.	8. CHANNELS of BEHAVIOUR In the context of farmer behaviors, 'external factors' refers to physical, environmental, farm business structure, financial and time factors on farm management; all of which can have an impact on farmer behaviors. External factors create the context within which farmer behavior can or cannot be influenced.