

# Project Title: SmartFarmer - IoT Enabled Smart Farming Application

Project Design Phase-I - Solution Fit Template

Team ID: PNT2022TMID04037

Define CS, fit into CC	<b>1. CUSTOMER SEGMENT(S)</b> The customer who are going to adapt this project contains of <ul style="list-style-type: none"><li>Large scale farmers</li><li>Remote farmers</li></ul>	<b>6. CUSTOMER CONSTRAINTS</b> The customers want the device which could solve the problem and fulfill the following constraint <ul style="list-style-type: none"><li>Cost efficient</li><li>Time efficient</li><li>Resource efficient</li></ul>	<b>5. AVAILABLE SOLUTIONS</b> These smart farming IOT solution allow farmers to use sensor ,gateway and monitoring systems to collect and analyse the data and make the decisions	Explore AS, differentiate
	<b>2. JOBS-TO-BE-DONE / PROBLEMS</b> The customers who wants to grow food in sustainable way and also improve the entire agriculture system	<b>9. PROBLEM ROOT CAUSE</b> The problem has its route stabled at the rate of the fast moving world since people move fast most of the times and the root cause are <ul style="list-style-type: none"><li>Climate change</li><li>Decrease in biological diversity</li><li>Raising demand for food</li></ul>	<b>7. BEHAVIOUR</b> The customer wants to make the revolutionary propagation in farming	

<b>3. TRIGGERS</b> The reliability and easy accessibility of this finished projects yield the people attraction have this project installed in their field	<b>10. YOUR SOLUTION</b> Our solution for this project is to initiate the reliability of the irrigation system using the sensor sensed information from the field	<b>8. CHANNELS of BEHAVIOUR</b> The channels of behavior recombines the ration as the following <ul style="list-style-type: none"><li>Offline</li><li>Online</li></ul>
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	<div data-bbox="150 60 479 89"><b>4. EMOTIONS: BEFORE / AFTER</b></div> <div data-bbox="721 60 763 89"><b>EM</b></div> <div data-bbox="150 132 772 205">The customer feels happy and comfortable since our project reduces their work burden</div>			
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