

Team ID	PNT2022TMID21422
Project	IoT Based Smart Crop Protection System for Agriculture
Mark	2 marks

<p>● journey steps</p> <p>which step of the experience are you describing?</p>	Discovery Why do they even start the journey ?	Registration why would they trust us?	Onboarding and First use How can they feel successful?	Sharing why would they invite others?
<p>● Actions</p> <p>What does the customer do? What information do they look for? what is their context?</p>	Detection the movement in the Field	uses of scarce resources within their production environment and manage these in an environmentally and economically	<p>To connect the system with sensor through the mobile application</p> <p>Increasing demand for food with minimum resources such as water, fertilizers, seeds by the smart crop protection</p>	To get conserving biodiversity and nutrients in the earth & consequently increasing the quality and lowering food costs.
<p>● Needs and Pains</p> <p>What does the customer want to achieve and avoid?</p>	<p>ACTIVE: Prevent crop damage from diseases and pests</p> <p>Avoid: Excessive use of chemical fertilizers and pesticides, prolonged droughts and shortage of water</p>	To have enough knowledge on handle the IOT based devices	Farmers have to handle it regular checking & work according to the IOT based procedures	If they have more profit to improve cultivation
<p>● Touch point</p> <p>What part of service do they interact with?</p>	Mobile application and Devices are connected through IOT system	<p>Mobile Application</p> <p>Devices connected by SENSORS</p>	<p>Buzzer sound</p> <p>Notification in mobile application</p> <p>Tape the sensor & connection report</p>	<p>Build Farmer resilience to environmental shocks</p> <p>plant many crops</p> <p>Minimum support prices for all crops</p>
<p>● Customer Feeling</p> <p>What is the customer feeling?</p>				
<p>● Process Ownership</p> <p>Who is in the lead on this ?</p>	Horticulturists	Horticulturists	Farmers	Horticulturists