

TEAM ID	PNT2022TMID12173
PROJECT	IoT Based Smart Crop Protection System for Agriculture
MARK	2 MARKS

<p>● Journey steps Which step of the experience are you describing?</p>	<p>Discovery Why do they even start the journey ?</p>	<p>Registration Why would they trust us?</p>	<p>Onboarding and First use How can they feel successful?</p>	<p>Sharing Why would they invite others?</p>
<p>● Actions What does the customer do? What information do they look for? What is their context?</p>	<p>Detection the movement in the field</p>	<p>uses of scarce resources within their production environment and manage these in an environmentally and economically</p>	<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>	<p>To get conserving biodiversity and nutrients in the earth & consequently increasing the quality and lowering food costs.</p>
<p>● Needs and Pains What does the customer want to achieve and avoid?</p>	<p>ACHIEVE: Prevent crop damage from diseases and pests</p> <p>AVOID: Excessive use of chemical fertilizers and pesticides, drought, and shortage of water</p>	<p>To have enough knowledge on how to handle the IoT-based devices</p>	<p>Farmers have to handle it regularly, checking & work according to the IoT-based procedures</p>	<p>If they have more profit to improve cultivation</p>
<p>● Touch point What part of service do they interact with?</p>	<p>Mobile application and devices are connected through IoT system</p>	<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 What is the customer feeling?</p>				
<p>● Process Ownership Who is in the lead on this?</p>	<p>Horticulturists</p>	<p>Horticulturists</p>	<p>Farmers</p>	<p>Horticulturists</p>