

## PROBLEM SOLUTION FIT

Date	01 October 2022
Team ID	PNT2022TMID07580
Project Name	IoT based smart crop protection system for agriculture

<b>1.Customer segments:</b>  Remote Farmers  Crop Importers	<b>2.Customer constrains:</b>  Farmers need protection of crops in his absence from the farm.  Needs protection from Animals and Fire.	<b>3.Available solutions:</b>  Conventional methods like fencing, electrical fencing .  Implementation of sensor based technologies.
<b>4.Jobs to be done :</b>  Choosing an appropriate location for positioning the Smart farming system.	<b>5.Problem route cause:</b>  When crops are being destroyed by Animals,it leads to loss for remote farmers.	<b>6.Behaviour:</b>  Farmer wants to make the revolutionary propagation in the rating of the crop protection efficiently.
<b>7.Triggers:</b>  By implementing this crop protection method farmers can easily make efficient crop production.	<b>8.Solution:</b>  In this project Motion sensor is used to predict animal's entry into the farm and Smoke sensor to detect fire accidents.	<b>9.Outcomes:</b>  Farmers get more information about the animals vulnerability in the crop protection.