

Project Design phase - I

Problem Solution fit  
Type your text

name: IoT d based crop protection system for agriculture

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**1. Customer segments:-**

The customers who are going to adapt this project contains of

- Large scale Farmers
- Crop importers
- Remote Farmers

**6. Customer constraints:-**

The customer wants a device the problems in crop protection when he is on remote or absence of humans.

- Prevent the crops use this if it is necessary
- Use it according to the climate change
- Resource efficient

**5. Available solutions:-**

- Integrating integrated pest and insect control is the greatest strategy to prevent crop damage.
- Certain cultural practices can prevent or reduce insect crop damage.

**2. Job to be done:-**

- Choosing the position of placing the smart sign board
- Control system of the mechanism is difficult

**9. Problem root cause:-**

- To prevent economical loss for farmers from yield =

**7. Behaviour:-**

- The customer wants to make the revolutionary propagation in the rating of the crop protection through the reliability of time efficient.

<p>3.Triggers:-</p> <ul style="list-style-type: none"> <li>● From thiscrop protectionmethod farmers caneasilymake efficientproduction in yield</li> </ul>	<p><u>10.Solution:-</u></p> <ul style="list-style-type: none"> <li>● Our solution for this project is to initiate the crop protection system using the sensorsand drones sensed information from field andprotect the crops</li> </ul>	<p>8.Channelsof behavior:-</p> <p>Thechannelsofbehaviorrecombinestheration ofthe following</p> <ul style="list-style-type: none"> <li>● Online</li> <li>● Offline</li> </ul>
<p>4.Emotions:-</p> <ul style="list-style-type: none"> <li>● People get moreinfo aboutthe needful resourses inthe cropprotection</li> </ul>		