

1.CUSTOMER SEGMENT(S) <ul style="list-style-type: none"> FARMERS / CULTIVATORS / AGRICULTURIST. 	6.CUSTOMER COUNSTRAINTS <p>Network requirements ,Budget , Maintenance ,High cost and Unavailability of the device components to replace them after gets damage are major factors which prevents the customers.</p>	5.AVAILABLE SOLUTIONS <p>The PIR and ultrasonic sensor detect the presence of the animal and send an input signal to the controller. Immediately,the APR board will be ON, and the sound is played to divert the animal.</p>
2.JOBS-TO-BE-DONE <p>The devices wants to indicate whether the cultivators field and its surroundings are in safe or deals with some unwanted activities</p>	9.PROBLEM ROOT CAUSE <p>During night times or absence of cultivators some animals or insects penetrate over their field and also either make damage to the crops or destroys completely.</p>	7.BEHAVIOUR <p>After getting to known that there is a problem in field we have to start our drowns and detect what is causing the problem and should rectify it.</p>
3.TRIGGERS <p>Reduction of physical work which trigger farmers to buy and installs over on their field.</p> 4.EMOTIONS <p>Before installation they need to concentrate and spend more time to protect their field.</p> <p>After the installation this device they don't wants to put more effort and its highly secure compared to before installation.</p>	6.YOUR SOLUTION <p>If an animal like pig or something is attacking our field then using PIR and ultrasonic sensor we can find the animal and we can send out drowns and make any sound which will affect the animal so that it will run</p>	8.CHANNELS OF BEHAVIOUR <p>ONLINE CH: IOT technology is allowing formers to leverage the internet to reduce waste, better pest control,streamline livestock management and increase prouctivity</p> <p>OFFLINE CH: The application of sensor and automated irrigation practices can help monitor agriculture land ,temperature , Soil moisture etc..</p>