

Project Design Phase-1

Problem - Solution Fit

Date	30 September 2002
Team ID	PNT2022TMID46939
Project Name	Smart Crop Protection System for Agriculture
Maximum Marks	4 Marks

Problem - Solution Fit:

2. JOBS TO BE DONE/PROBLEMS J&P <ul style="list-style-type: none"> The Crops Should be protect. Eating and damaging the crops by animals should be avoided. Healthy Farming should be maintained. 	9. PROBLEM ROOT CAUSE RC <ul style="list-style-type: none"> Animals Trampling over the crops and running over the fields. Not able to protect the farm 24/7 by farmers. Threats from Natural Calamities 	7. BEHAVIOUR BE <p>The sensors senses the crops in the field and the device sends the notification to the farmers, they will come and avoid the problems.</p>
3. TRIGGERS TR <ul style="list-style-type: none"> The Crops Should be Protected Healthy Crops. 	10. OUR SOLUTION SL <p>Monitoring the Crops and send the information about the Crops Condition to the Users are Farmers to maintain the crops without any damage using arduino device.</p>	8. CHANNELS of BEHAVIOUR CH <p>8.1 ONLINE Sends the information to the Farmers.</p>
4. EMOTIONS BEFORE/AFTER EM <ul style="list-style-type: none"> Before: Shortage of crop production. After: Increases of Protection. 		<p>8.2 OFFLINE Farmers Go and visit the Crop Production Field.</p>