Project Title: IoT Based Smart Crop Protection System for Agriculture

Project Design Phase-I : Solution Fit Template

Team ID:

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|  | To prevent the crops  Customer Safety | Without food no life could exist and many essential and non essential human activities wouldn't be possible without the healthy food and crops.  Environmental factors and biological process in the  agriculture environment. | Animals monitoring project can also require the observation and safety of animals in farm fields.  To make a device which will maintain accuracy and keep equipment functioning within specifications, best  practice recommends cleaning and calibrating the instruments at regular intervals |  |
|  | to read the data(movement of animals) from the fields  place to drive away the animals  Possibility of animals damage the equipment  Damage of sensors due to external factors in the field | The damages of crops in field is leads to food Scarcity  Use of electric fences in the field leads to death of all animals which needs for foods. | Various types of sensors can be attached according to various dimensions of the farm fields.  Solution architecture of the system place a major role in this process. |  |

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|  | **3. TRIGGERS TR**  What triggers customers to act? i.e. seeing their neighbour installing solar panels, reading about a more efﬁcient solution in the news.  People want to check the movement of animals in field    Public are aware about the prevention of crops | **10. YOUR SOLUTION SL**  If you are working on an existing business, write down your current solution ﬁrst, ﬁll in the canvas, and check how much it ﬁts reality.  If you are working on a new business proposition, then keep it blank until you ﬁll in the canvas and come up with a solution that ﬁts within customer limitations, solves a problem and matches customer behaviour.  The specifics of the animals monitoring system will depends largely on  the requirements of your project, as well as site condtions at the agriculture filed  While animals monitoring system may not require a full stream  gage installation with stilling well and associated instruments. It may  be helpful to consider what such a system should entail as determined  by the agriculture fielders. | 1. **CHANNELS of BEHAVIOUR CH**    1. **ONLINE**   What kind of actions do customers take online? Extract online channels from #7  Video tutorial is made to bring awareness among the people  The Advertisements can be done in the social media   * 1. **OFFLINE**   What kind of actions do customers take ofﬂine? Extract ofﬂine channels from #7 and use them for customer development.  Creating Awareness by advertising with sign boards in public places,especially on peoples doing an agriculture. |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  How do customers feel when they face a problem or a job and afterwards?  i.e. lost, insecure > conﬁdent, in control - use it in your communication strategy & design.  Public are not aware of the prevention of crops they are using  After the implementation of the project people are well aware of the prevention of crops |