**Project Title: Project Design Phase-I** - **Solution Fit Template**

Farmers are our Customers.

To make farming easier more quantitately.

1. Monitoring farms climatic conditions.
2. Automatic systems for irrigation and Fertilization. 3.Soil analysis.

To get correct accuracy on what to be done on the farm and to produce more crops and livestock quantitavely.

As when the productivity increases farmers will be satisfied. They will not worry about the loss.

Irrigation will be more efficient than before.

The availabilty of device, proper Network facilities and budget are several constraints ,Knowledge about the application.

When there is no knowledge about the soil problem arises on what to be sowed, climatic conditions also play a major role. Knowledge on how to water the plants accordingly



Most commonly used irrigation type is Drip irrigation the most common disadvantage is when the water is not filtered properly there will be clogs and the tubes will get affected easily. In smart farming we can use solar empowered smart irrigation system to overcome this.

The customers will reach us when they dont have idea on how to analyse the soil and to improve the current irrigation system



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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. | **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.  There will be less weed growth, Maximum use of water efficiently,Control of soil erosion and maximum crop yield. | 1. **CHANNELS of BEHAVIOUR CH**    1. **ONLINE**   What kind of actions do customers take online? Extract online channels from #7   * 1. **OFFLINE**   What kind of actions do customers take ofﬂine? Extract ofﬂine channels from #7 and use them for customer development.  we will reach the customer directly ask about their problems and provide effective solutions if their problems match our application and provide them knowledge about our application to make their farming even more easier.  In online mode will do digital marketing using advertisements. |  |
| **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. |