Project Title: Smart Farmer-IoT Enabled Smart Farmer Application Project Design Phase-I - Solution Fit Template Team ID: PNT2022TMID01408

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| **Define CS, fit into CC** | **1. CUSľOMER SEGMENľ(S)**  Faímeí is ouí customeí | **6. CUSľOMER CONSľRAINľS**  ľhe main limitation to ouí customeí is the lack of connectivity in íuíal aíeas and | **5. AVAILABLE SOLUľIONS**  Right Now, Iííigation is managed íemotely. We aíe tíying to tíack Gíeenhouse Gases, Píedicting cíops íequiíement befoíe. | **Explore AS, differentiate** |
| **Focus on J&P, tap into BE, understand** | **2. JOBS-ľO-BE-DONE / PROBLEMS** | **9. PROBLEM ROOľ CAUSE RC**  Agíicultuíe píediction is haíd because to píedict we must consideí lot of paíameteís and some paíameteís aíe not sensed by sensoís | **7. BEHAVIOUR BE** | **Focus on J&P, tap into BE, understand** |
| It helps in monitoíing cíops íemotely and to take contíol of motoí and otheí sensoí- based devices | Use of Píopeí díainage system to oveícome the effects of excess wateí fíom  heavy íain. Use of hybíid |
|  | plants that aíe íesistant to |
|  | pests |

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| **I** | **3. ľRIGGERS ľR**  Explaining the use and need of this píoduct in the goveínment agíicultuíal  tíaining centeís | **10. YOUR SOLUľION SL**  Using cellulaí netwoík foí connectivity can solves the connectivity issues, Using Edge- computing can unlocks computing píoblems, making it cost efficient can attíacts moíe customeís. | **8. CHANNELS of BEHAVIOUR CH**  **ONLINE**  Youtube as the online communication channel  **OÏÏLINE**  Newspaper Advertisement as offline communication medium. | **I** |
| **d**  **e**  **n**  **t**  **i**  **f**  **y**  **s**  **t**  **r**  **o**  **n**  **g**  **T**  **R**  **&** |
| **d**  **e**  **n**  **t**  **i**  **f**  **y**  **s**  **t**  **r**  **o**  **n**  **g**  **T**  **R**  **&** |
| **4. EMOľIONS: BEÏORE / AÏľER EM**  Affíighted about weatheí, Feaí of diseases affecting plants and pesticides > Now they aíe in 24/7 monitoíing íemotely and they also get alaímed fíequently. |
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