Problem-Solution fit canvas 2.0

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

1.corporate argo -SME (Small or medium scale enterprises
2.producers processors traders
3.farmers

6. CUSTOMER CONSTRAINTS — CC

The major constrains have been identified that contribute explaining yield gap i.e limted water availability,limited nutrient availability,inadequae crop protection, climate,temperature ,difficulties on storing product marketing in lagging region.

5. AVAILABLE SOLUTIONS — AS

live stock monitoring from animals by using agricultural fences like wire fences,plastic fences, electric fences.
By using natural resources instead of mechanical or chemichal protective pratcices.

Explore AS, differentiate

Focus on J&P, tap into BE, understand RC

2. JOBS-TO-BE-DONE / PROBLEMS — J&P

Monitoring the service work in real time and uses a series of sensors placed in the environment, including in the soil, air, water resources
To incerase the quantity and quality of the products.
To increase the commodity,import, export and make profit for farmers

9. PROBLEM ROOT CAUSE — RC

The main cause of the problem is crops in farms are many times ravaged by local animals like cow,goat,bird etc..
This leads to huge losses for the farmer. Major wildlife agents responsible for crop damage were wild boar,monkey ect..Monkey and wild boar alone accounted for about 50% to 60% of total crop damage in the village.

7. BEHAVIOUR — BE

1. To ensure the safety,quality and quantity.
2. The main behaviour is to wildlife tracking system for animals to check the activities of the animals in their natural habitat.

Focus on J&P, tap into BE, understand RC

Identify strong TR & EM

3. TRIGGERS — TR

Agriculture can improve architecture process in more productive, efficient and sustainable way.
the development of new functionalities requires the incorporation of security features.

4. EMOTIONS: BEFORE / AFTER — EM

To ensure the complete safety of crops from animals and from the fire thus protecting the farmers loss.

10. YOUR SOLUTION — SL

To overcome this problem we need to use the automatic crop protection system from animals and fire.
By using motion sensor to detect the wild animals approaching near the field and smoke to detect the fire

8. CHANNELS of BEHAVIOUR — CH

8.1 ONLINE

Watching the field from home or any other places by using gsm,gps System and sensors

8.2 OFFLINE

Reduce the time and improve the sustainability among the farmer by using more number of sensors

Extract online & offline CH of BE

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