**PROBLEM: SOLUTION FIT FERTILIZERS RECOMMENDATION SYSTEM FOR DISEASE PREDICTION Team ID: PNT2022TMID47880**

**AS**

**5. AVAILABLE SOLUTIONS**

* Reduce losses and amonia.
* Reduce nitrate leaching.
* Apply at the right to harvesting.

**CC**

**6. CUSTOMER CONSTRAINTS**

* Nutrition losses from agriculture are a major constraints of diffuse water pollution.
* People knows about the impact of disease prediction
* They must knows about the healthy food’s needs.

**CS**

1. **CUSTOMER SEGMENT(S)**

* Farmer wish to produce health crop to provides a crops to people.
* Healthy and nutrients.
* Disease forecasting

**Explore AS, differentiate**

**Define CS, fit into CC**

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

**Explore AS, differentiate**

**Deﬁne CS, ﬁt into CC**

* Whenever the farmers know abouth the fertilizer knowledge .
* The user wants to know about their crop knowledge

**BE**

**7. BEHAVIOUR**

What does your customer do to address the problem and get the job done?

**RC**

**9. PROBLEM ROOT CAUSE**

* Main cause is unhealthy soil
* Farmers conventional methods of agricultural cultivation are ineffective

.

**J&P**

**2. JOBS-TO-BE-DONE / PROBLEMS**

* Agricultural ammonia emissions can combine with pollution the water and that wil affects the field automaticallyl

For the above reason we faced lots of malnutrition problems

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

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

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Identify strong TR &EM** | **3. TRIGGERS TR**  To help farmers to sense about the fertilizer recommendation | **10. YOUR SOLUTION SL**   * This System is built by using the disease prediction by ML algoriyhm. * By using this system,the farmers can use the fertilizer how to use and predict the crop disease to take corrective actions * Then the algorithm based on to prediction the disease as soon to protect the other crops | 1. **CHANNELS of BEHAVIOUR CH**   **ONLINE**   * Social media platforms * Online websites   **OFFLINE**    Farmers and people feedbacks and words |  |
| **4. EMOTIONS: BEFORE / AFTER EM**  **BEFORE:**  Lots of disease can be give the people by disease plants  **AFTER:**  To make the healthy society by provide the food in healthy crops |