Problem-Solution fit canvas 2.0

Purpose / Vision

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) — CS

Based on water quality,the customer segment the quality into marine,residential & Commercial,lab testing,ground water and others.All this we need quality and purified water. It impact the water quality monitoring management.

6. CUSTOMER CONSTRAINTS — CC

If the water is not at standard quality it is an serious thread to all the people. Because water is essential one for all to sustain. Sometimes it may cause disease and it will affect the people,

5. AVAILABLE SOLUTIONS — AS

The available solution is finding water quality index (WQI) and water quality class(WQC).

Merits;It checks the turbitity, Ph, TDS, Hardness.

Demerits: It would identify the limited pAaramewters in water.

Explore AS, differentiate

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

2. PROBLEMS — J&P

It is very difficult to find the pure drinking water.Because it need more proof to be an qualified water.The rising water pollution ,resulting in lab testingto imperative reliability and accuracy and directly include the drinking water. The main problem is impurities present in the wwaterp

9. PROBLEM ROOT CAUSE — RC

- Identify appropriate solution.
- Collect sufficient amount of data.
- Identify the associated casual factor.

7. BEHAVIOUR — BE

Water quality analyst analyse the quality and develop policies and plans for control the factor which produce impurities.They conduct chemical,physical and biological test to define water quality standard.

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

Identify strong TR & EM

3. TRIGGERS — TR

This triggers to discover the pattern in user data and then make prediction based on intricate pattern for analyzing the quality of water. It also helps to improve the efficiency and more protected to drink.

4. EMOTIONS: BEFORE / AFTER — EM

Before there is no technology to analyse the water quality so it cause problem in health issue. It caise disease suchg as diarrhoea, dysentery, hepatitis, typhoid, polio and cholera.. But now a days it is decreased because of Water monitoring system and methods of finding pure water,.

10. YOUR SOLUTION — SL

Using Advanced Artificial Intelligence seven significant parameters and developed models were evaluated based on some statistical parameters based on naïve bayes algorithm, K Nearest Neighbour(KNN), Support Vector Machine(SVM) and Linear regression algorithm,

8. CHANNELS of BEHAVIOUR — CH

1. ONLINE

Helps to notify the data preprocessing information.

8.2 OFFLINE

By attaining the standard quality of satisfy all parameter it is consider as pure water.

Extract online & offline CH of BE

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