# 1. CUSTOMER SEGMENT(S)

cs

### **6. CUSTOMER LIMITATIONS**

CI

### 5. AVAILABLE SOLUTIONS

AS

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

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

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

### 2. PROBLEMS / PAINS

PR

9. PROBLEM ROOT / CAUSE

7. BEHAVIOR

BE

It is ver y difficult to find to drinkingwater.Because it need more proofto be an qualified water.The rising water pollution ,resulting in lab testing to imperative reliability and accuracy and directly include the drinking water. The main problem is impurities present in the water

Identify appropriate solution

Collect sufficient amount of data

Identify the associated casual factor

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

## 3. TRIGGERS TO ACT

TR

10. YOUR SOLUTION
Using Advanced Artif

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 Linearregression algorithm

#### 11. CHANNELS of BEHAVIOR

СН

Extract online & offline CH of BE

ONLINE

SL

Helps to notify the data preprocessing information

### 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

This triggers to discoverthe pattern in user data and

analyzing the quality of water. It also helps to improve

then make prediction based on intricate pattern for

the efficiency and more protected to drink.

OFFLINE

By attaining the standard quality of satisfy all parameterit is consider as pure water