Automatic river water quality monitoring system

Define CS, fit into CC

1. CUSTOMER SEGMENT(S) CS

The public who consume or use river water

6. CUSTOMER CONSTRAINTS CC

Here we need more number of sensors so it would cost a bit higher and we need internet connection 24/7 thats the main contraints that coustomer faces

5. AVAILABLE SOLUTIONS AS

we have two methods for river water monitoring system they are
1)Human Based Monitoring
2)sensors Based Monitoring

Explore AS, differentiate

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

2. JOBS-TO-BE-DONE / PROBLEMS J&P

Monitoring river automatically and giving a report on that

9. PROBLEM ROOT CAUSE RC

The problem occurs because river water may have some dissolved solids that are thrown onto them and the unwanted micro organisms and the waste from industries that are into the river make them acidic

7. BEHAVIOUR BE

coustomer just have to install and all the other actions would be done by the solution .
They need to let the company that supply the product

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

Identify strong TR & EM

3. TRIGGERS TR

Enchancing the quality of river water make them live a healthy life triggers them

10. YOUR SOLUTION SL

we have decided to add some of the components like the sensors and an aurdino connected to internet to send and recive the data based on how it works to let the officials who is responsible for taking actions

8. CHANNELS OF BEHAVIOUR CH

They could register a complaint over the internet about their problem

4. EMOTIONS: BEFORE / AFTER EM

Before the execution of the work people may feel unhealth and have a fear that how the water quality of river water would be .after the implementation they would have no fear

Extract online & offline CH of BE

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