Define CS, fit into CC

Explore AS, differentiate

1. CUSTOMER SEGMENT(S) `CS`

This product is for waste collectors who dispose municipal solid waste and recyclables from residential commercial Industrial or other

6. CUSTOMER CONSTRAINTS `CC`

Lack of awareness about segregation and waste management rules.

Inadequate access to waste bins.

5. AVAILABLE SOLUTIONS `AS`

With the help of smart garbage system, it will be a sophisticated and efficient tool to manage waste , monitor bins with sensors and optimize capacity and collection routes.Provide citizens with free mobile app enabling to find nearest available empty bin

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

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

By using this application there will be no need for a physical check for every container. This smart waste management alerts the authorized person to empty the bin whenever the bins are full

7. PROBLEM ROOT CAUSE `RC`

Poor waste management- ranging from non-existing collection systems to ineffective disposal-causes air pollution, water and soil contamination.

Open and unsanitary landfills contribute to contamination of drinking water and can cause infection and transmit diseases.

9. BEHAVIOUR `BE`

Insufficient Investment in waste management can leads to environmental and marine pollution and cause harmful effects to humans, so buying and using the product is more useful.

3. TRIGGERS `TR`

Due to overflowing of bins, if there is a odour, waste collectors think for solution and buy it in busy locations such as shopping malls , railway stations for all metropolitan cities.

4. EMOTIONS: BEFORE / AFTER `EM`

Before this application, waste collectors find it difficult to empty the bin because they didn't know when the bin will get full. While garbage collectors aren't going to measure and weigh trash cans.

After ,Monitoring system alerts the authorized person to empty the bin and able to get the weight of garbage bin ,it becomes easy task for them.

10. YOUR SOLUTION `SL`

The proposed system provide availability of materials to reuse.

It also reduce the labour time and avoid lumping of wastes everywhere.

8. CHANNELS of BEHAVIOUR `CH`

ONLINE

Apps assist in organizing storage better, easing waste verification and providing real-time monitoring of waste in varied areas.

OFFLINE

Creating awareness about consequences of waste disposal and highlighting the importance of waste prevention , reuse and recycling.