Smart waste management system

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STEP 2

Framing Statements

Smart waste management system framing



The greatest problem regarding waste management in developing countries heights at the very starting point of the process. Due to lack of proper systems for disposal and collections, waste and garbagis's end up in the made and surrounding. According to a report from Google erearch, the amount of waste generation in 2010 was around 20,000 tons per day, and it is estimated that by 2025 the amount will be no less than around 47000 tons per day. With the existing methods of collecting and disposal it is near impossible to manage such amount of waste in the future as around 20,000 the waste end up on the reads and public places due to ineffective disposing and collecting methods. So collecting methods of soft of the start of the

STEP 3

Ideas Problem Solution

Example idea

Ai-based smart waste bin, designed for public places, enabling them to Monitor and Manage Reduce the number of bins required & DEcluttering and improving the street scene

Previously there were numerous initiatives on waste management and educating people to dispose waste properly, and as they failed to achieve significant results, we have figured out the scopes that could be develop. To solve this problem, we have designed a process that ensures proper disposal and efficient waste collection. The procedures we designed involves creative initiative that will inspire people to dump in designated area or bins, and innovative method by using Decreasing Time algorithm or DTA for monitoring garbage generation and collection of the garbage's.

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