Smart Garbage Cleaner

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Abstract: *Now-a-days, management of waste from its collection to dumping and disruption has become one of the greatest challenging and arduous chores for municipal corporations, all around the globe. To make this tedious job facile, a new concept of SmartDustbin has been taken into consideration for Smart buildings, hospitals, schools and railway stations. The "Smart GarbageCleaner for Smart City" thought is an advancement of traditional garbage collector by levitating it to become smart inculcating sensors and some form of logics. This smart collector is a revolutionary idea of application of line following garbage car and pole fixed garbage part on predesigned locomotive path. The fixed bin makes use of ultrasonic sensors for level of garbage detection and updates the coeval level of the bin to the garbage car, using RF Module. This is thereby a fully automated system, making small contribution towards the theme of "Clean India Green India".*

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