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Garbage Truck Weighing Mechanisms	By installing Pneumatic Waste Disposal bins that connect to a series of underground pipes.	Solar - Powered Trash Comparators collects and transmit the data on fill and collection times to help streamline the collection process.
Sorting through contaminated waste is one of the biggest challenges for recycling centers. In an effort to limit unrecyclable materials entering these centers, organizations have released apps like Recycle Nation and Recycle that make recycling easier for individuals. These apps provide users with information on recycling rates and center locations, and their comprehensive lists of materials help users determine which items can be recycled.		

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AI robots are designed to accurately identify and sort recyclable materials, increasing efficiency and reducing the need for human workers. This not only saves recycling centers money over time, but also helps divert materials that would otherwise end up in landfills	Re-route effectively Solid wastes can vary from day to day and week by week. The waste management companies can attach a sensor to these disposal units to measure the fill levels. These sensors can collect the data and send them to the collection centers once the dumpster is filled	RFID based trash identification system
Using GPS or motion sensors to register container collections, movement to detect possible vandalism		

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Data analysis The connected sensors record how soon the bin is filled and the speed at which it is emptied. The design of a smart monitoring system for waste management using IoT can prove the worth of collecting the data, and the possibilities can be endless, like eliminating the incorrect waste practices, planning the distribution of these dumpsters	Timely pickup of wastes The data gathered from the dumpsters will help reduce the timely pickup of the waste before they overload. Once the trash bin is ready to overflow, the collection centers are immediately alerted to send the pickup trucks emptying the filled bins.	DC motor powered platform is used for segregating wet and dry waste ,IR sensor and moisture sensor is used for separating wet and dry waste
E-Waste Kiosks Eco ATM, a smart recycling company, took this idea one step further by creating a line of e-waste recycling kiosks that allow you to exchange your electronics for cash on the spot. While they won't always offer cash for devices that are broken or destroyed, they accept phones, tablets and MP3 players in any condition and ensure that they are recycled properly.		

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Garbage monitoring by LCD real time display system	After recover of garbage applying of products which is used to composing of waste	By using the Ultra-sonic sensor the trash lid will open and close.when the person is near.
Setting Wheels on trails which is use to uplift the trash bin and pour.		