

E-Waste Management

Abstract—E-waste is becoming a big crisis to world. E-waste or Electronic wastes are referred to the electronic goods that are dumped out or unwanted. Each year, around 50 million ton of e-wastes are produced. Depending upon their nature of reaction, there are possibilities for dangers depending upon the situation. Discarded computers, batteries, electronic devices and other electro chemical wastes may results in unwanted results. So it's important to be awake of e wastes in addition to the other physical wastes. The situation is alarming as India generates about 1.5 lakh tones of e-waste annually and almost all of it finds its way into the informal sector as there is no organized alternative available at present.

Existing System

In existing system the e-waste is becoming great threat to world, It is not properly managed and reused. Electronic waste, is generated when any electronic or electrical equipment becomes unfit for the intended use or if it has crossed its expiry date. Due to rapid technological advancements and the production of newer electronic equipment, the old ones get easily replaced with new models. It has particularly led to an exponential increase in e-waste in India. People tend to switch to the newer models and trending technologies; also, the lives of products get reduced with time. The working parts left over of a damaged system is also thrown as waste which can be reused. But the issue is left with e-waste management

Proposed System

The Proposed System Helps to manage e-waste efficiently by publishing the working e-waste to the Site and it can be bought and reused, thus we can control the e-waste to some extent. The working parts of an e-waste can be sold through this system. The products from this site can be trusted because a group of trained technicians are there to check the working condition of e-waste that are Published for sale

- Reusability of e-waste
- Controls forming of e-waste to some extent
- Making the app supports multiple platforms (crossplatform app)
- Fraud plays are avoided to max extent

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