Takeaway.com

<u>Team details</u>

Team name: **CodeBreakers**

Team Members:

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Overview

We aim at targeting the correct utilization of all types of recyclable waste generated. What might be waste for some, could be of great use to the other. A lot of waste is generated on day to day basis and is dumped and never put to correct usage. The website aims at creating an online portal where users can look for recyclable materials at a cheaper rate than fresh market products as well as put up description of materials that can be used by others, for sale.

Goals

1. To prevent non-biodegradable waste from going to dumping yards.
2. To minimize plastic production through effective recycling techniques.
3. To minimize total waste generation.
4. To identify all types wastes such as e-waste,Organic waste, Recyclable waste etc.

Waste Management

We generate huge amounts of waste on a daily basis, which can be recycled and reused in multiple ways. This not only poses threat to environment, but also puts load on the resources from which these materials are derived.

 What is waste for one person might not be waste for the other. Hence people can take away wastes like. Plastic bottles, furniture, pipes, bags etc at a cheaper rate and can communicate amongst themselves regarding the product.

 Exchanging recyclable and e- waste can benefit the users as well as environment as a whole.

Functionalities

1. Users can log into the website to search for required recyclable material according to the type and quality they feed in.
2. Users can also put up recyclable items along with their pictures/description in order to sell.
3. Both parties will be connected through a chat forum for smooth transaction.
4. Take away option: Location can be shared online through maps and waste can be collected.

Technical specifications

1. Front end: Using HTML, CSS(Bootstrap), Javascript
2. Back-end: Node.js framework
3. Database: Mongo DB to maintain user database
4. Chat forum: Socket.io to help users communicate.
5. Location: Google Maps API