APP FOR ENHANCED LOGISTICS AND EFFECTIVE MANAGEMENT OF E-WASTE

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Keywords:

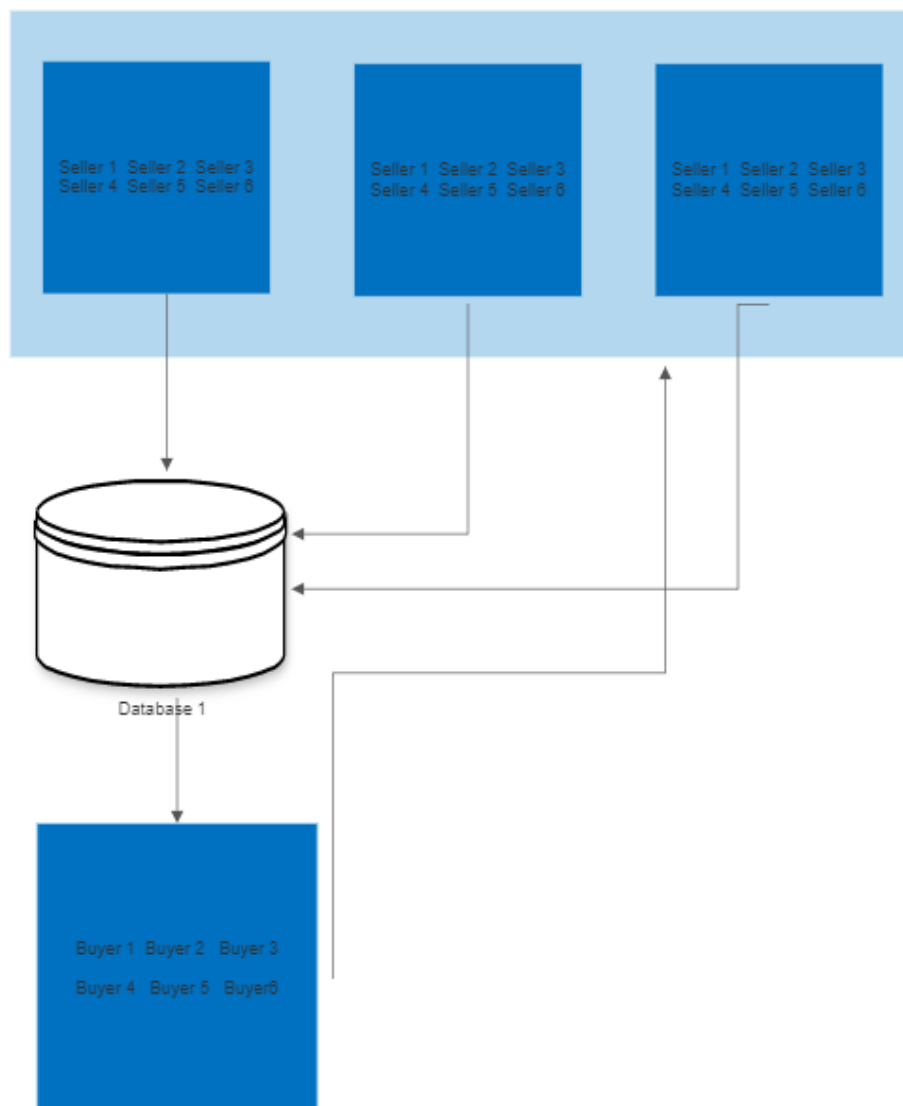E-Waste, Buyer, Seller, Data

Introduction:

The electronics sector is the largest and fastest-growing manufacturing industry on the planet. It has been increasingly important in society's socioeconomic and technical development in recent years. Wastes are substances or items that are disposed of or are intended to be disposed of under national legislation, according to the Basel Convention. There are many different sorts of garbage, and one of them is e-waste. Electronic garbage, or e-waste for short, is a broad phrase that refers to a variety of electric and electronic devices that have lost their utility to their owners.

Objectives:

The objective of the project is to extract the e-waste from the households with them putting minimum effort and providing them with maximum profit for the e-waste they are selling. This helps us to get most of the e waste from the society without the sellers putting much effort. With this model more sellers are inspired to sell the e-waste and thus helping the society to get rid of e-waste and amen maximum use of it.

Methodology:

The user then can choose the most appropriate category into which he can fit his requirement. The E-picker team also maintains a record of how much e waste is generated and stores into the data base and which is then forwarded to the consumer. This creates an eco-system for both consumer and producer to interact to each other in a digital platform. The proposed methodology is very simple to understand and makes it easy for both consumer and producer to communicate as our system design provides them a platform to communicate smoothly. Today India stands as one of largest holder of e-waste. The model developed by our team follows the simple process of forming a bridge hence making users to understand things better. The user fir registers into the database and then after successful authentication the user enters into the application environment. For successful login the user must first register into the application.

Database 1

Conclusion:

As a result of our model we are able to connect both the buyers and sellers with minimum upfront cost. And as the data is stored and processed which can be later utilized for various purposes.

Scope for future work:

Our idea fits better in the society with minimal cost from our end. Our main objective is to connect the buyer and seller. This eliminates the complication and the role of middle men. Thus helping both the parties to communicate with each other.