

# Green Urban

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**Abstract:** *Green Urban is a sustainable waste management system offering a shopping section where users can buy daily items focused on pollution prevention and plastic alternatives. Users can sell scrap metal and other recyclable products for a fair price or receive purchase discounts, and they can pre-order pickup dates. Sewage and kitchen waste collection are offered as part of a fully automated subscription plan. To encourage purchases and usage, users earn reward points. The system includes a delivery agent module and a delivery boy module to facilitate the transportation of goods to warehouses and scrapyards, ensuring efficient waste management and recycling processes.*

**Keywords:** Sustainability, Eco friendly, E-commerce, Scrap management