



Zero Waste

You Clean We Reward

Problem

- 1 Dustbin is there but trash is everywhere.
- 2 Lack of willingness in maintaining a clean society.
- 3 Overflowing waste bins are a great concern.
- 4 Concern for sanitization and lack of responsible citizens.



Therefore We Reveal...

Zero Waste

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A Responsible bin which rewards you to keep Your city clean. With an aim to make India clean and smart. As big problems need a smart solution.



Our Solution



1

Establishment of Automated touchless Bins using Ultrasonic Sensor which will detect a person in close proximity and take a response to open the lid of the bin which will promote sanitization in society.

Our Solution



2

A bin that brings you rewards when you feed it with some trash.

Isn't that interesting ! Yes...

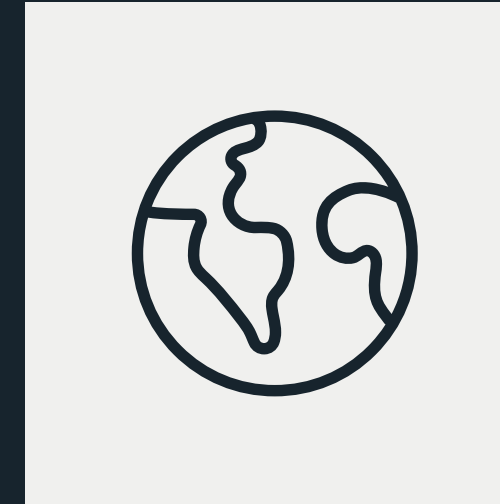
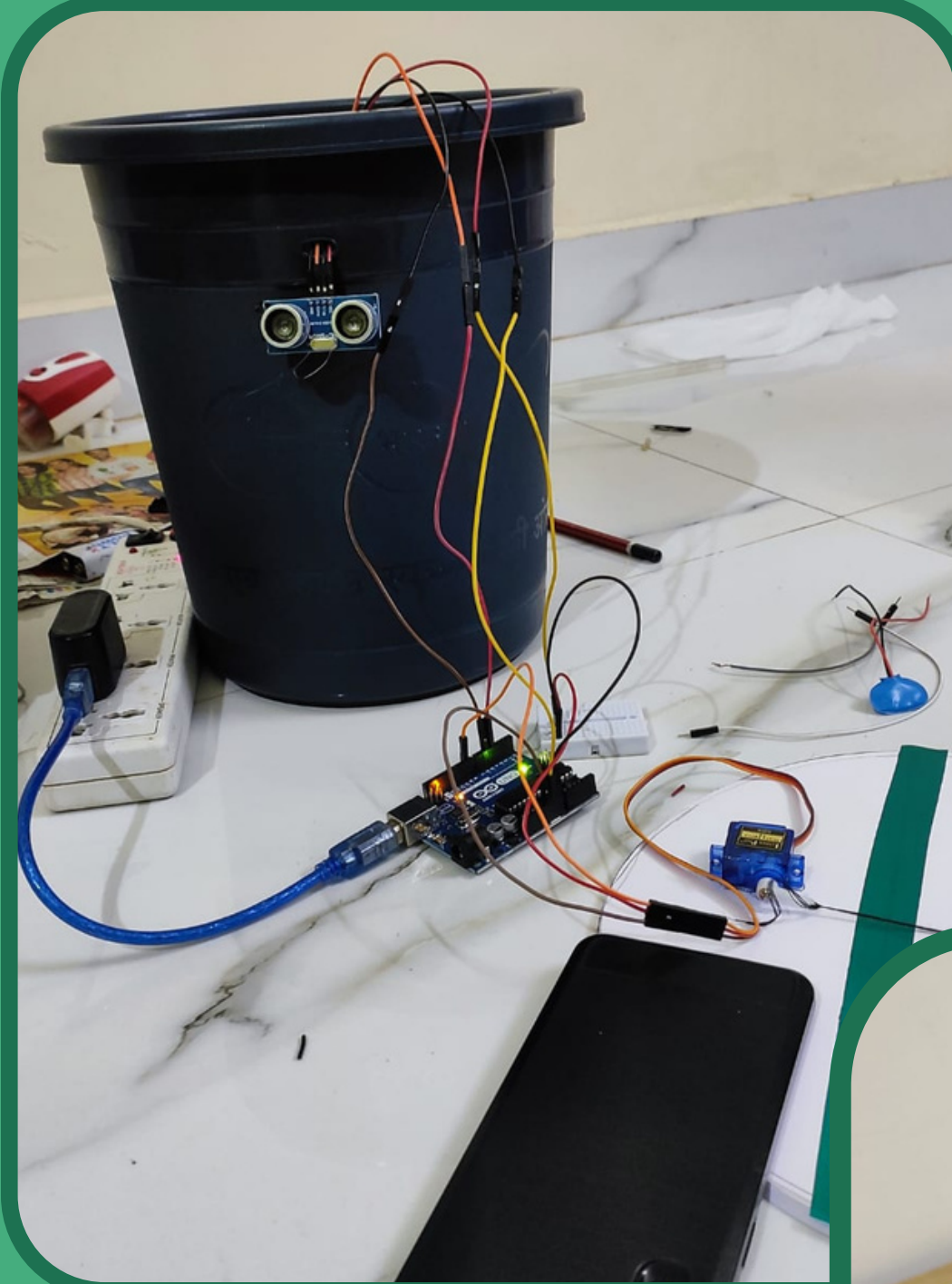
It adds credit coins to your dashboard everytime you clean the surrounding which can be redeemed to buy Exclusive Coupons from partner companies or can be converted into realtime cash.

Our Solution



3

To tackle overflowing bins due to improper management, we asked the bin to send an email to the concerned authority as soon as it is filled. Using IFTTT, IR Sensor and Node MCU it was easy, yet it solved a big problem which will surely bring a change in the environment.



Automated Bin

Zero Waste

Future Roadmap

Our next step will always be towards the sanitization of the society.

**ZERO
WASTE**

Step 1

We plan to Power the bin through solar energy by using solar pannels.

Step 2

We will work on bringing a wallet where user can store real-time cash.

Step 3

We hope to build a community for our users where they can be a part of Cleaning campaign.