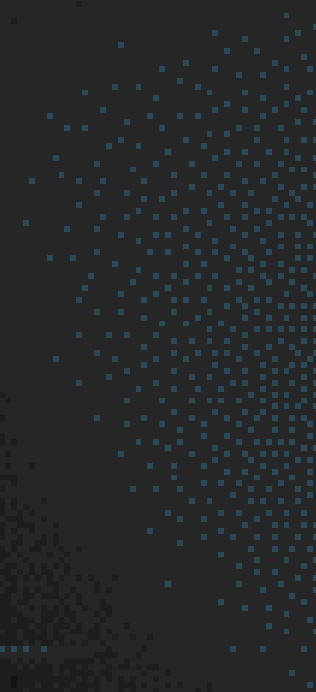


WIEHACK 5.0

Team Name: Code Catalyst.in

Team Number: 428





ABSTRACT

Theme:- Open Innovation

“Developing a web platform to efficiently manage and repurpose various types of waste into creative, useful products with the collaboration of artists resulting in empowering artists and generating more employment opportunities.”

- Artisans committed to environmental stewardship **face challenges** in accessing recycled materials and **lack a dedicated platform** to exhibit their creative endeavors.
- According to World Bank, there is a pressing **need for innovative waste management solutions**. Only 13.5% of e-waste is recycled, and the remaining 87% is incinerated or deposited in landfills, as per the Global E-Waste Monitor 2023.
- **Indian Government** has been slow to adopt waste-to-energy initiatives. According to NITI-Aayog Reports 2023, less than 1% of waste is managed, while countries like Sweden manage up to 52%. This represents a **significant opportunity for innovation in waste management**, with the potential for waste to be transformed into other valuable products and also **creating employment opportunities**.



PROBLEM SOLVED

Holistic Approach: Our platform addresses both **environmental** and **economic challenges**, offering a comprehensive solution to waste management while **empowering artists**.

Innovative Model: By integrating art and sustainability, we introduce a novel approach to waste reduction that **inspires creativity and fosters collaboration**.

Scalability: Our platform can be tailored to meet the needs of diverse communities and regions, **ensuring broad impact and sustainability**.

Economic and Product Innovation Opportunities: By providing artists with access to recycled materials and a marketplace for their creations, our platform stimulates economic growth and promotes entrepreneurship within the creative sector.

User-Friendly Interface: With a intuitive and user-centric design, our platform offers a seamless experience for both consumers and artists, enhancing engagement and satisfaction.

Need of this Platform to Government:-

- Platform **empowers artists to contribute to national sustainability growth**, aligning with **government's job creation objectives**.
- Initiative **addresses unemployment concerns and supports employment growth** through eco-friendly ventures. Ex:- Project TSANG-DA
- Aligns with **government's agenda for sustainable development** promoting **“Viksit Bharat”, “Niti Aayog-UNDP book on sustainable urban plastic waste management”, “Swachh Bharat mission”**.
- **Facilitates economic growth** through sustainable practices and artistic collaboration.



PROPOSED SOLUTION

"Creating an online platform (ReArtify Waste) empowering artists to reshape future of waste and facilitating the conversion of waste into artistic and functional products, fostering environmental sustainability."

Explanation Of the Solution/Process:-

➤ Waste Identification and Collection:

Implement mechanisms to identify sources of waste and efficiently collect them from various stakeholders, including households, businesses, and communities.

➤ Sorting and Cleaning:

Develop processes for sorting and cleaning collected waste to ensure its suitability for repurposing.

➤ Artist Collaboration:

Facilitate partnerships with artists and designers to transform cleaned waste into innovative and visually striking products.





PROPOSED SOLUTION

Explanation Of the Solution/Process(cont.):-

➤ Online Showcase:

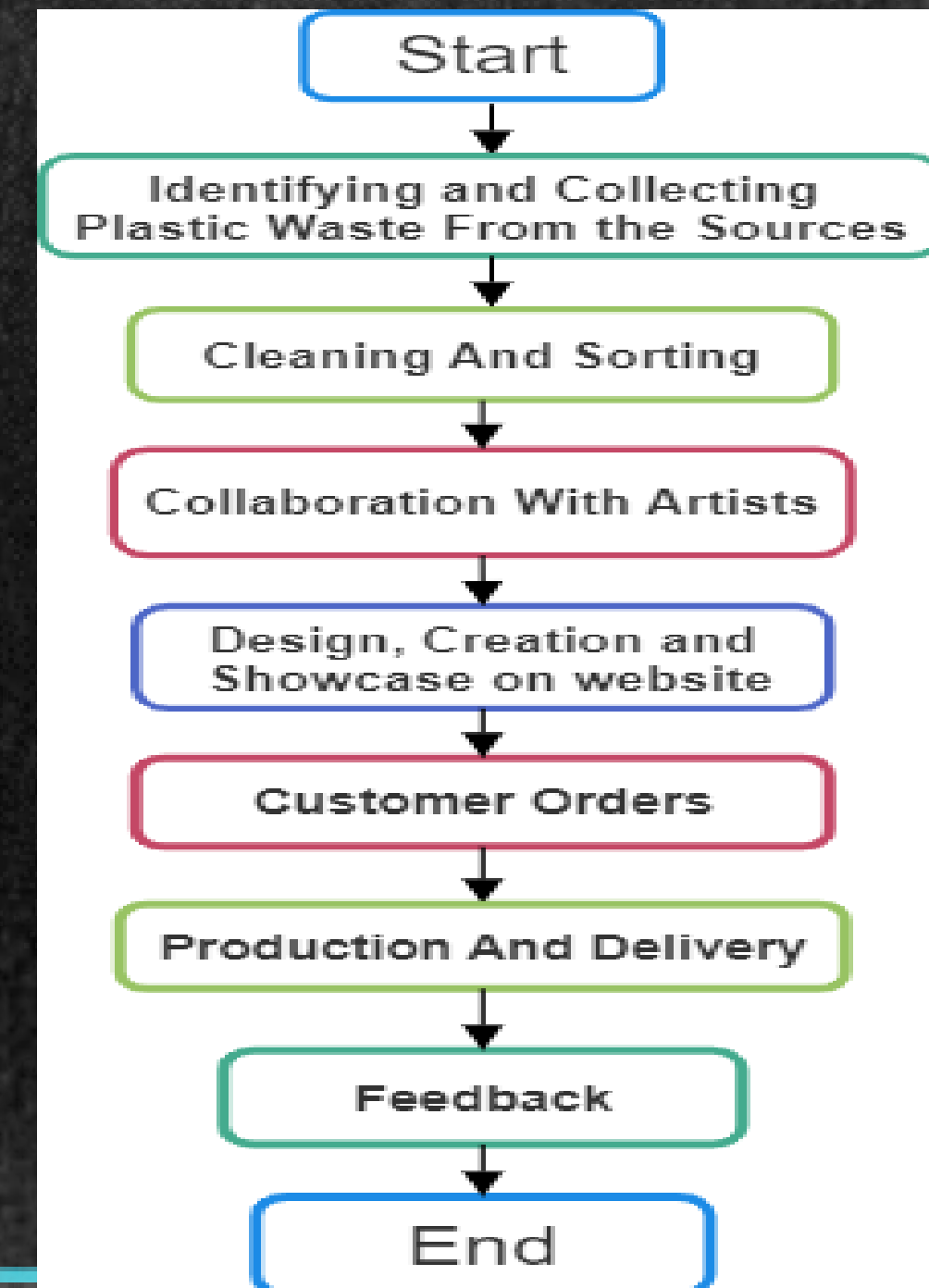
To showcase the curated collection of upcycled products, allowing users to explore, purchase, and support sustainability initiatives.

➤ Customer Engagement:

Implement features for customer engagement, such as product customization options, educational resources on waste management, and sustainability tips.

➤ Feedback Mechanism:

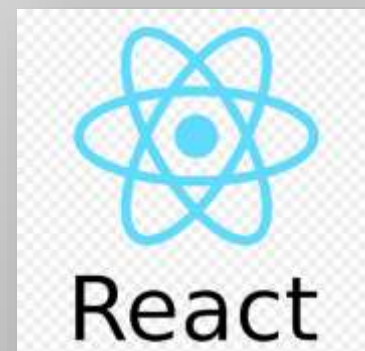
Establish a **feedback loop** to gather insights from users and stakeholders, enabling **continuous improvement and refinement** of the platform and its offerings.





TECH STACK

Front end



Back end





TARGET AUDIENCE

Who are the customers you want to cater to?

Government, Municipal Authorities and Waste Management

Companies:

Municipal authorities and waste management companies can utilize the platform to collaborate with artists and innovators to turn waste into creative, useful products, thereby contributing to a cleaner and more sustainable environment.

Artists and Designers:

Artists and designers can use the platform as a medium to showcase their creativity and contribute to transform waste materials into unique, innovative products.

General Public:

The general public, including households and individuals, can use the platform to learn about proper waste management practices and contribute to waste reduction and recycling efforts in their communities. They can also explore and purchase innovative products made from repurposed waste materials, encouraging sustainable consumption.

Educational Institutions:

Schools, colleges, and universities can use the platform as an educational tool to teach students about waste management, recycling, and the importance of environmental sustainability. They can engage students in projects aimed at repurposing waste materials into useful products, fostering innovation and creativity.

Businesses and Manufacturers:

Businesses and manufacturers interested in sustainable practices can collaborate with the platform to source raw materials from recycled waste, promoting a circular economy and reducing their environmental impact.

Environmentalists and NGOs:

Environmentalists and non-governmental organizations (NGOs) can leverage the platform to promote awareness and participation in waste reduction and recycling efforts.



PROGRESS REPORT

WHAT HAVE YOU DONE ?

We made the web platform **ReArtify Waste** having following pages:-

- **Home:-** It contains vision, mission and goal of our project.
- **Products:-** Re-Artified and new products made from waste are uploaded here to showcase and customers can order them.
- **Artists:-** Profiles of Artist who are transforming waste to new useful and creative products are displayed here
- **About:-** This page gives all the information about our procedure or working.
- **Services:-** Contains the services we provide, such as waste collection.
- **Feedback:-** Takes feedback from customers who access our services .

WHAT ARE YOU PLANNING TO DO ?

Community Engagement and Education: Launch awareness campaigns to educate the community about the importance of waste management and recycling.

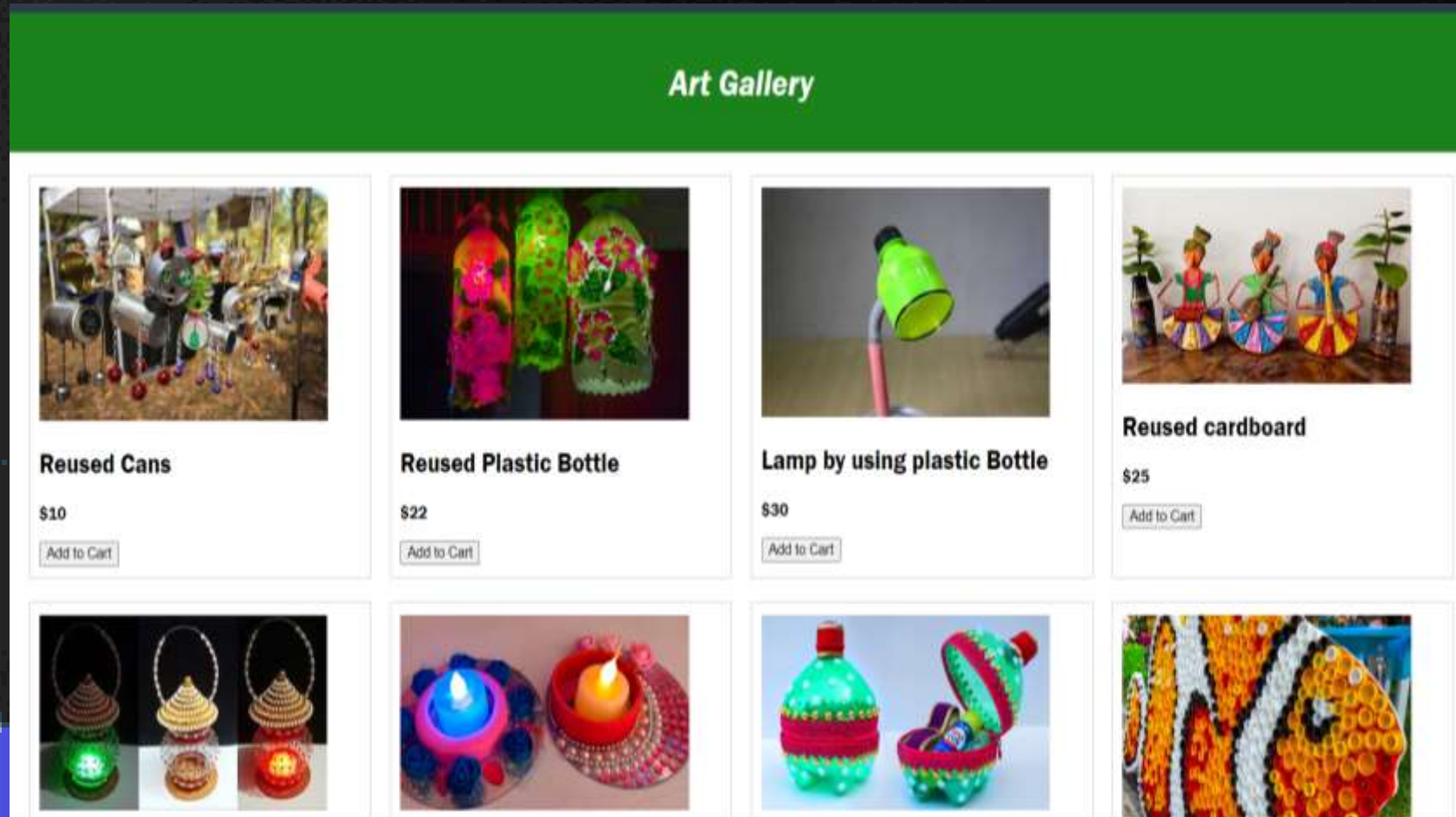
Partnerships and Collaborations: Forge partnerships with local governments, businesses, NGOs, and educational institutions. Collaborate with municipal waste management authorities to streamline waste collection processes and access to recyclable materials.

Incentive Programs: Implement incentive programs to encourage participation and reward customers for recycling.

Artistic Collaboration and Events: Organize art exhibitions, workshops, and competitions featuring artwork created from recycled materials.



SCREENSHOTS / IMAGES



Waste Collection Form

Name:

Contact Details:


Address:

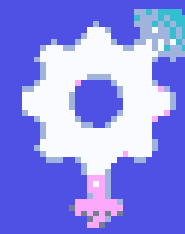
Type of Waste:

Weight (in kgs):

Preferred Date and Time:

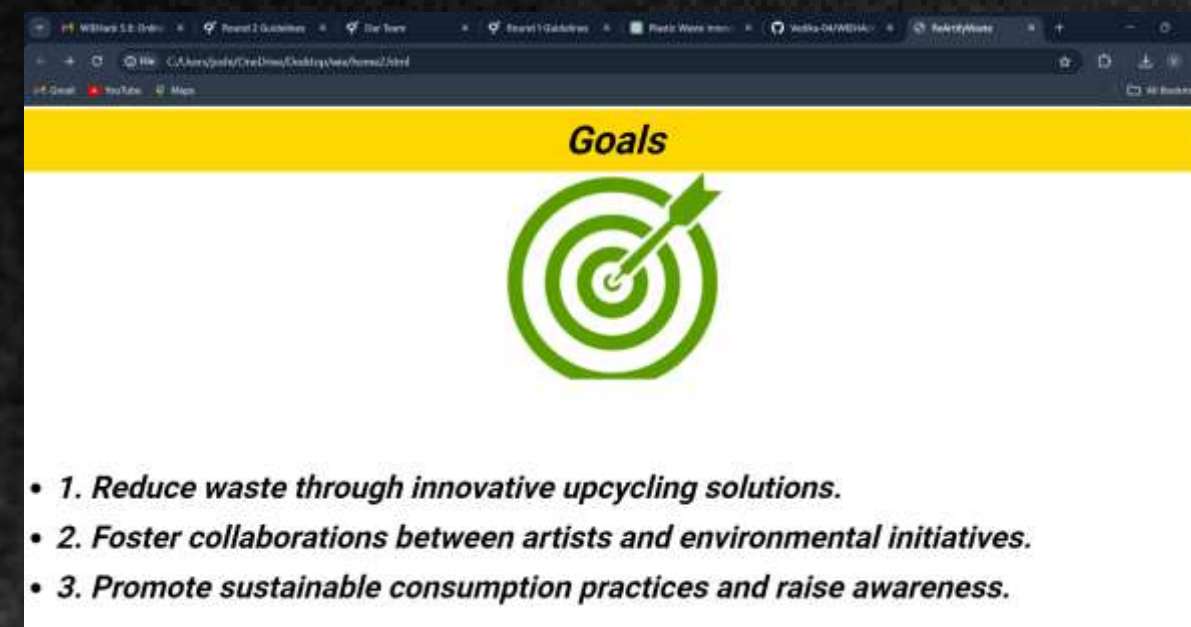
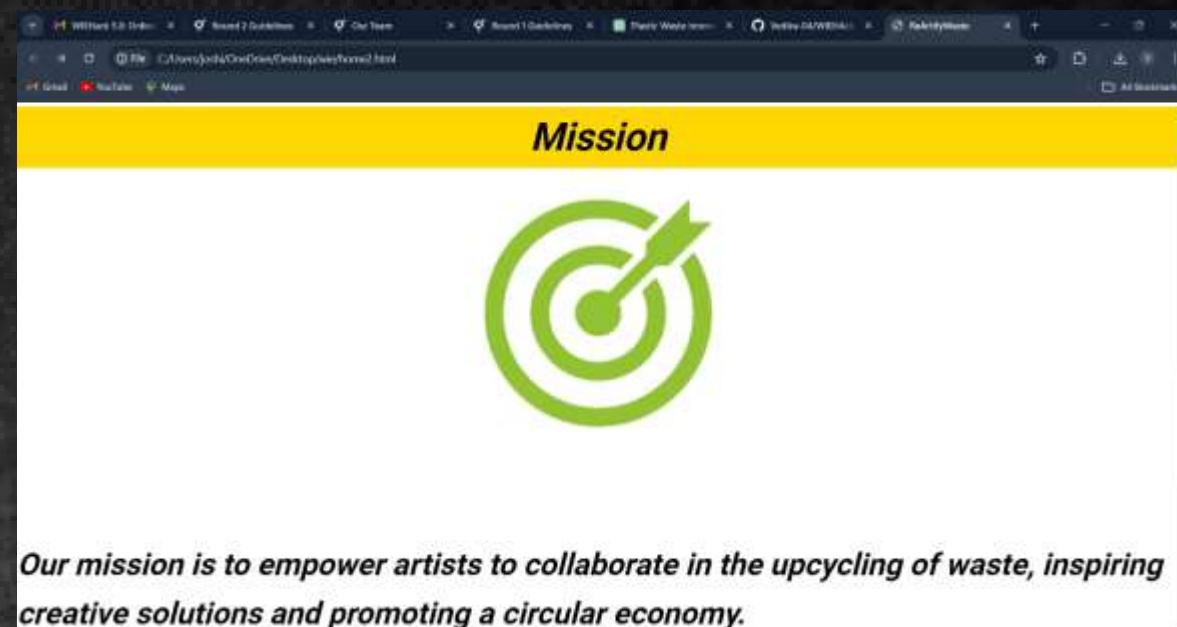
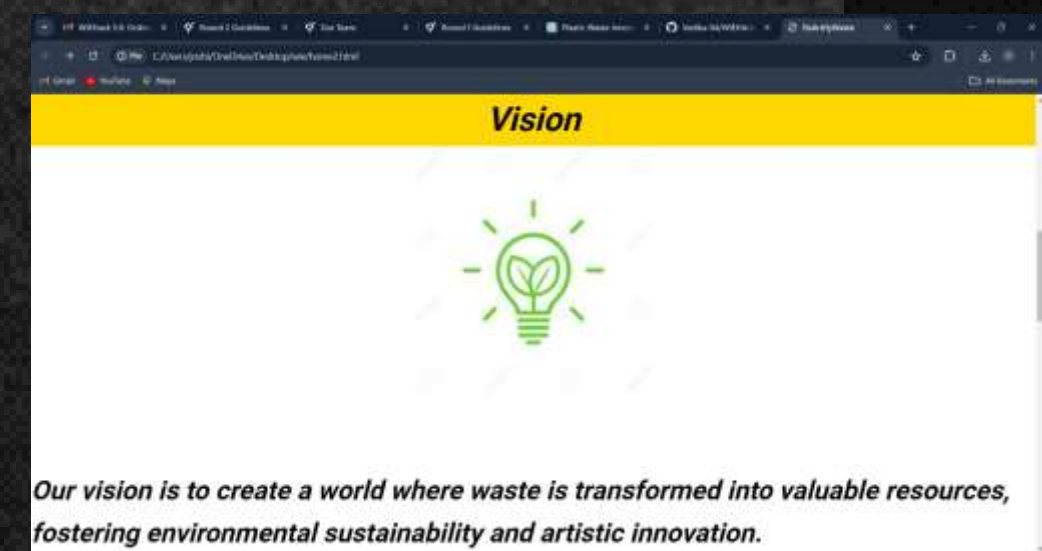
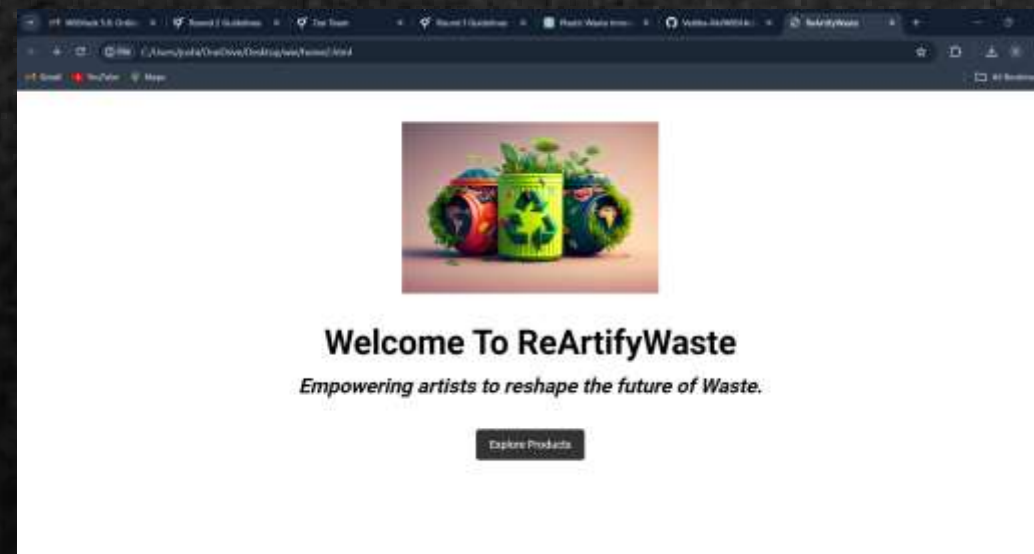
Additional Information:

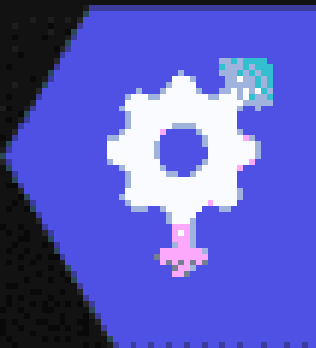




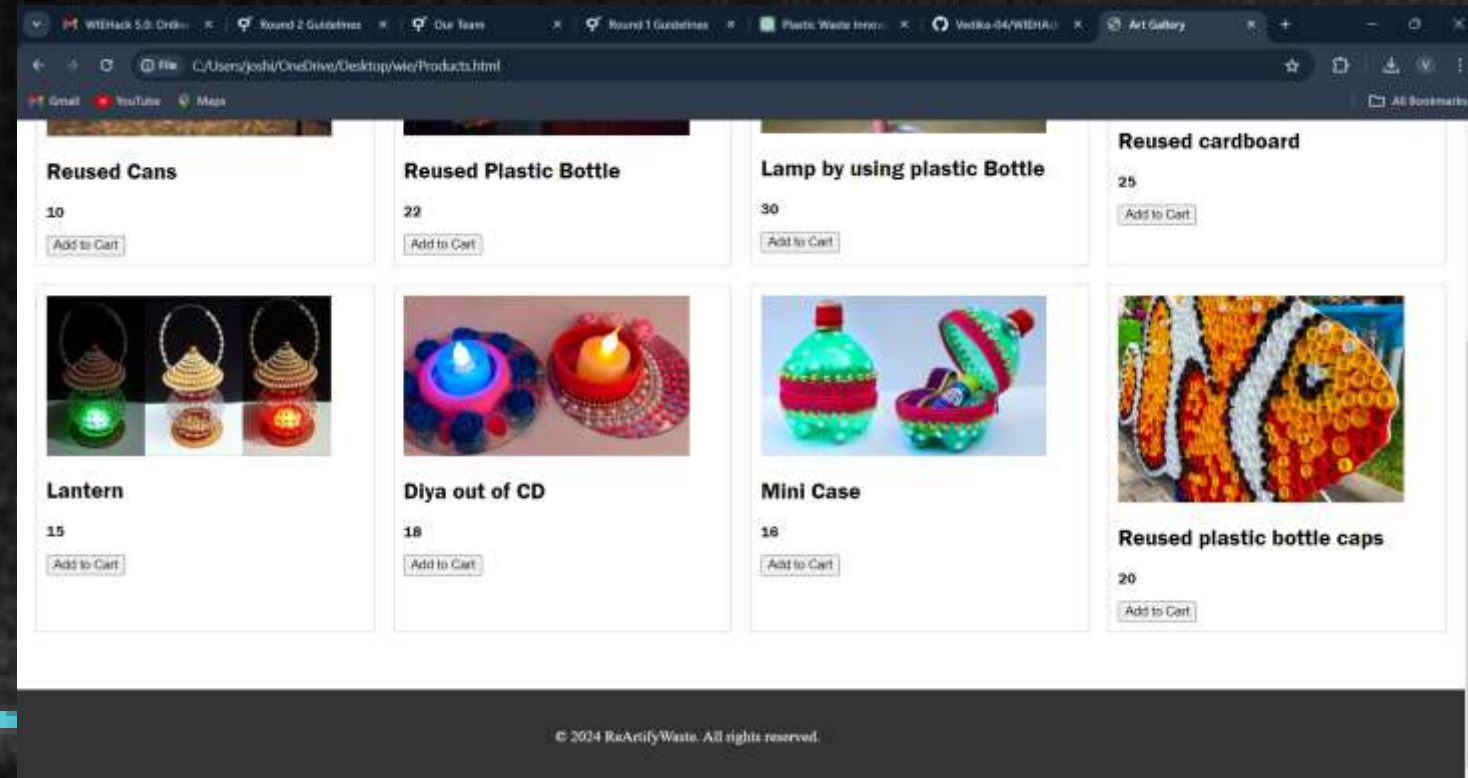
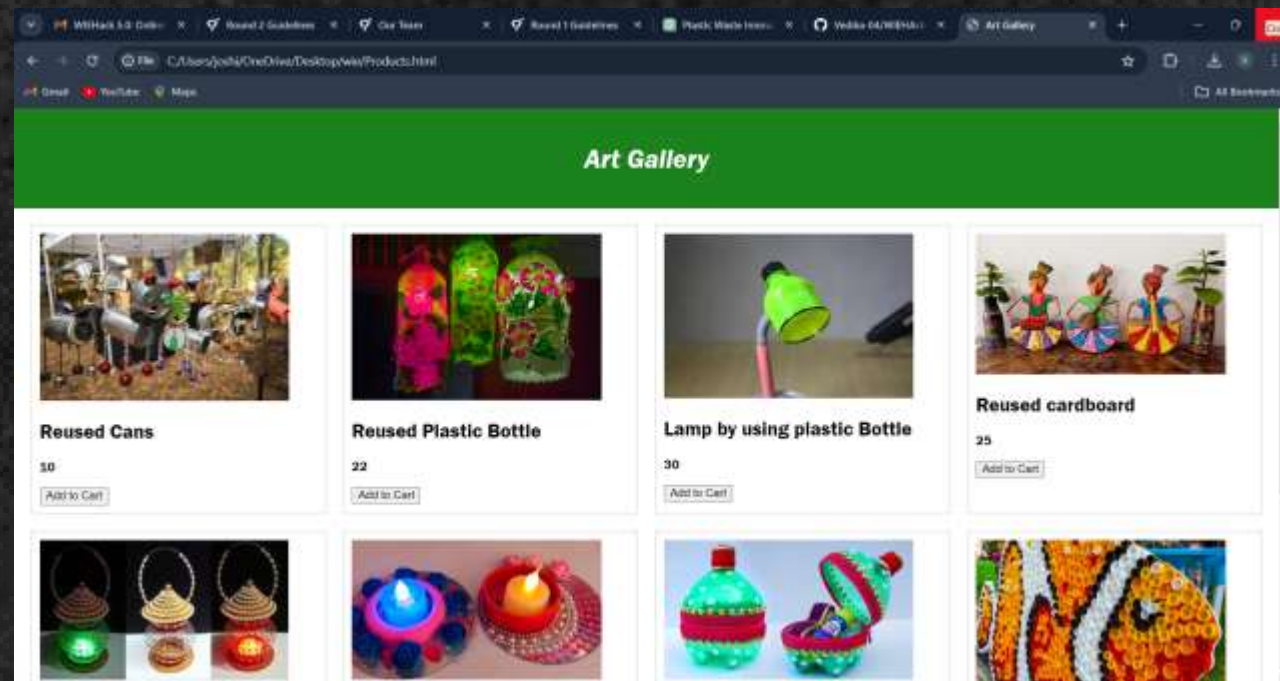
Progress(Round 2):-

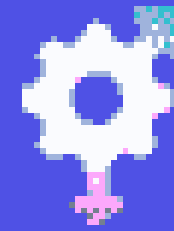
Home Page





Progress(Round 2):- Products page





Progress(Round 2):- Artists

Artist's Profile

AnandArtandCraftStudio

Age: 21 years
 Instagram: [AnandArtandCraftStudio](#)
 YouTube: [AnandArtandCraftStudio](#)
 Facebook: [AnandArtandCraftStudio](#)

Description: Meet Anand, a visionary artist with a passion for transforming the ordinary into the extraordinary. Through his innovative approach, he breathes new life into discarded plastic waste, crafting stunning works of art that captivate the imagination.

Khushi Arzoo Handloom & Crafts

Age: 18 years
 Work Experience: 10 years
 Instagram: [Arzoo Handloom & Crafts](#)
 YouTube: [Arzoo Handloom & Crafts](#)
 Facebook: [Arzoo Handloom & Crafts](#)

Kalyani's Corner

Age: 29 years
 Work Experience: 10 years
 Instagram: [Kalyani's Corner](#)
 YouTube: [Kalyani's Corner](#)
 Facebook: [Kalyani's Corner](#)

Description: Introducing Kalyani, a remarkable artist whose passion lies in transforming paper and cardboard waste into works of art that enchant and inspire. With a deep reverence for nature and a boundless imagination, Kalyani breathes new life into discarded materials, weaving stories and emotions through her creations.

INSPIRATION FROM WASTE
 This is the motive of our website.

Artist Anand

Anand is a visionary artist whose creative journey is intertwined with his commitment to sustainability. With a profound passion for environmental conservation, Anand harnesses the power of waste materials to breathe life into his artistic expressions. Through his art, he transforms discarded objects like plastic, cans, CDs, and cardboard into captivating pieces that transcend their humble origins. Anand's work serves as a poignant reminder of the beauty that can emerge from sustainability practices, inspiring viewers to rethink their relationship with the environment. His innovative approach not only showcases the potential of repurposed materials but also advocates for a more conscious and harmonious coexistence with nature.

[Read More](#)

Artist Khushi

Khushi, a visionary artist, continues to push the boundaries of creativity by transforming waste materials into masterful works of art. Recently, she embarked on a new artistic endeavor, harnessing the potential of plastic bottles to craft a stunning masterpiece. With meticulous attention to detail and an unwavering commitment to sustainability, Khushi breathes new life into these discarded bottles, sculpting them into intricate forms that mesmerize and inspire. Through her innovative use of materials, Khushi not only highlights the beauty hidden within everyday waste but also advocates for a more mindful approach to consumption and disposal. Her latest creation stands as a testament to the transformative power of art and the endless possibilities that lie within our collective imagination.

[Read More](#)

Artist Kalyani

Kalyani, a talented artist with a passion for sustainability, continues to redefine artistic boundaries through her innovative creations. Recently, she embarked on a captivating journey, utilizing waste metals as her medium of choice to craft breathtaking works of art. With ingenuity and skill, Kalyani breathes new life into discarded metal objects, reshaping them into striking sculptures and installations that command attention. Her artistic vision not only transforms the ordinary into the extraordinary but also raises awareness about the environmental impact of waste.

[Read More](#)

Artist Waste Collection Form

Name:

Address:

Type of Waste Required:

Quantity of Waste Required:

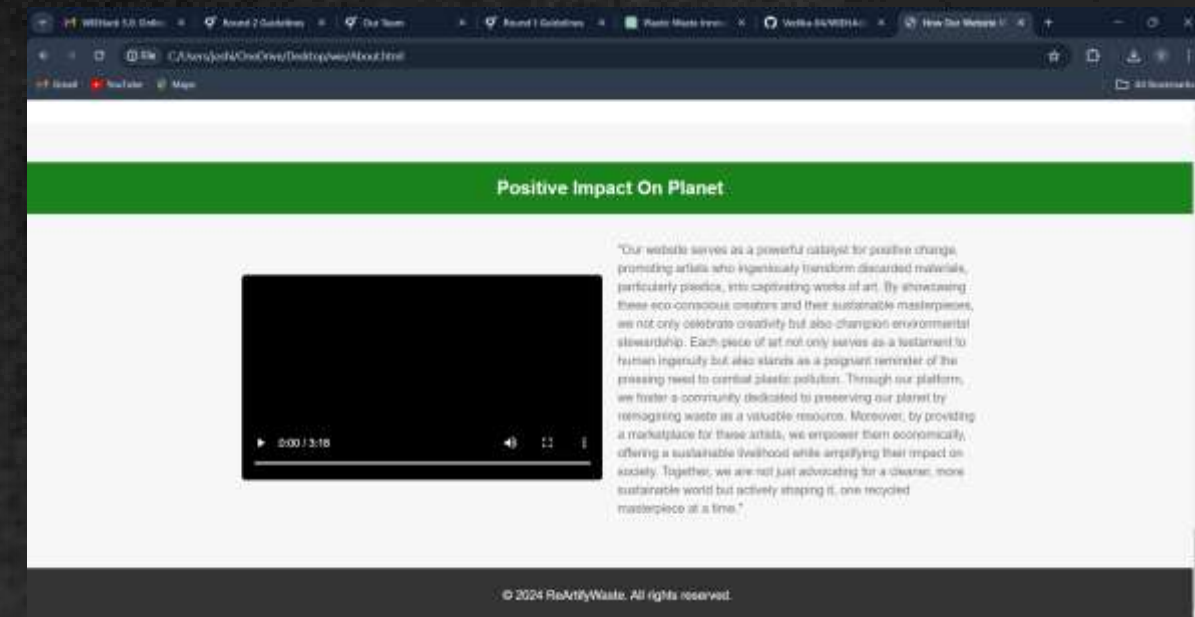
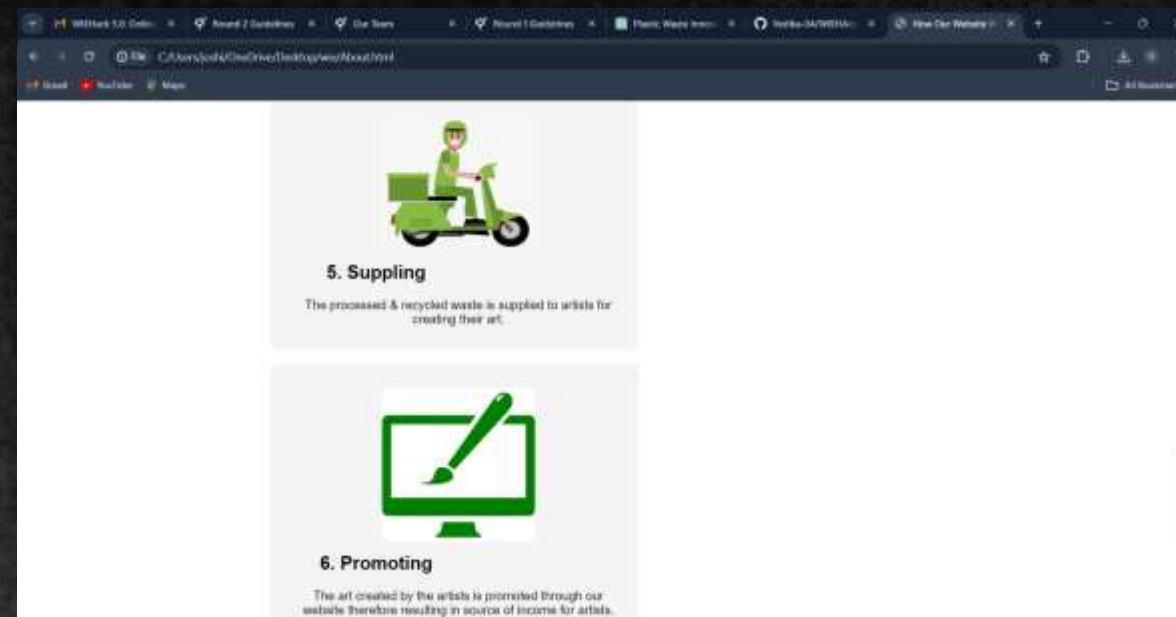
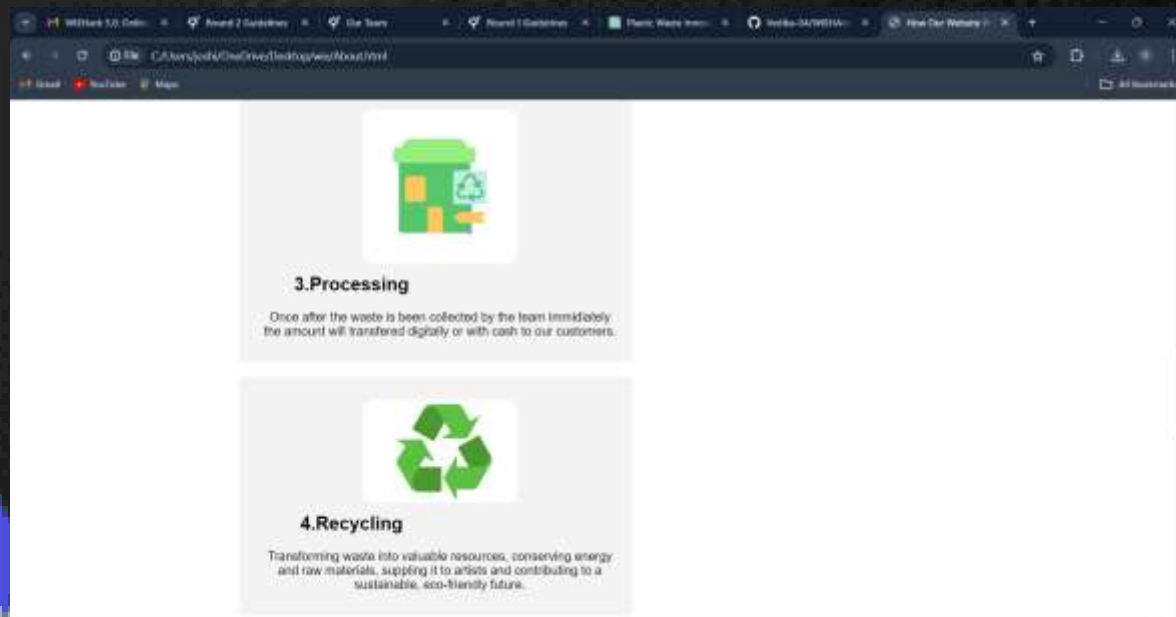
Till When it is Required:

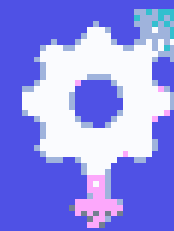
[Submit](#)

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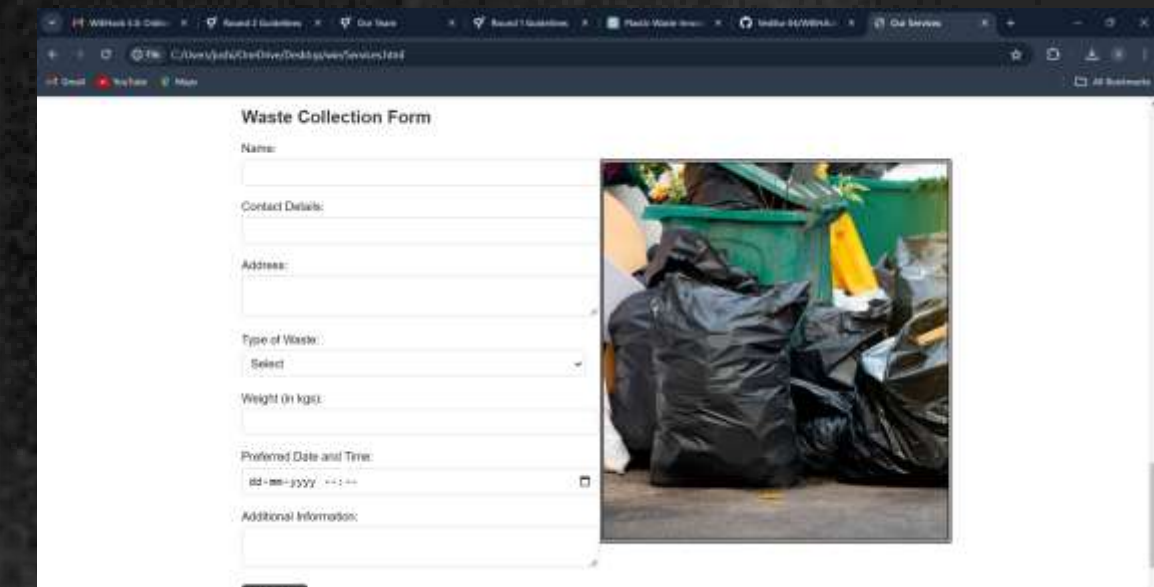
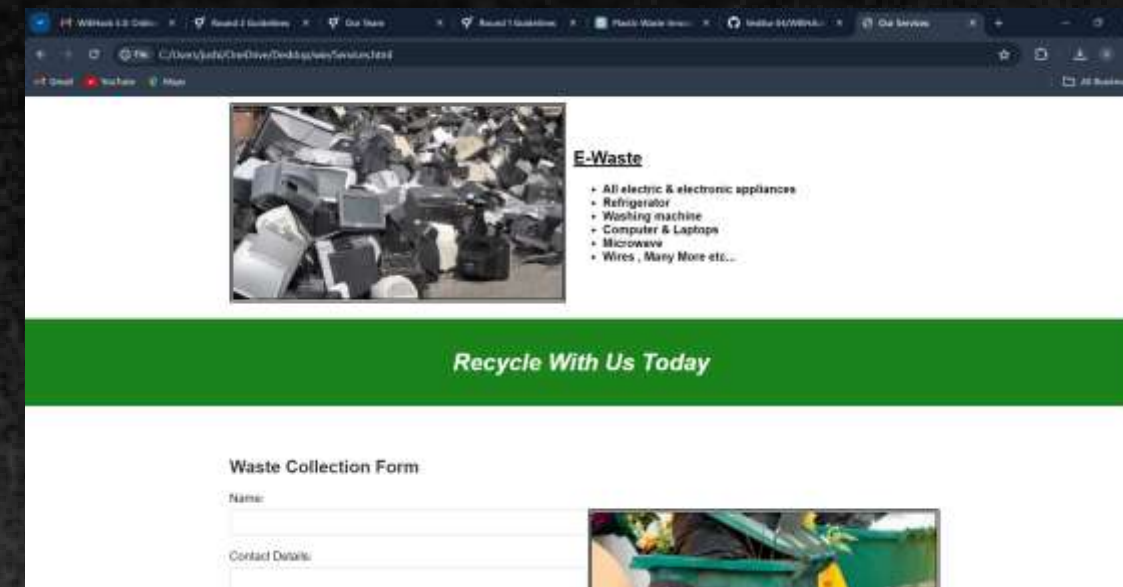
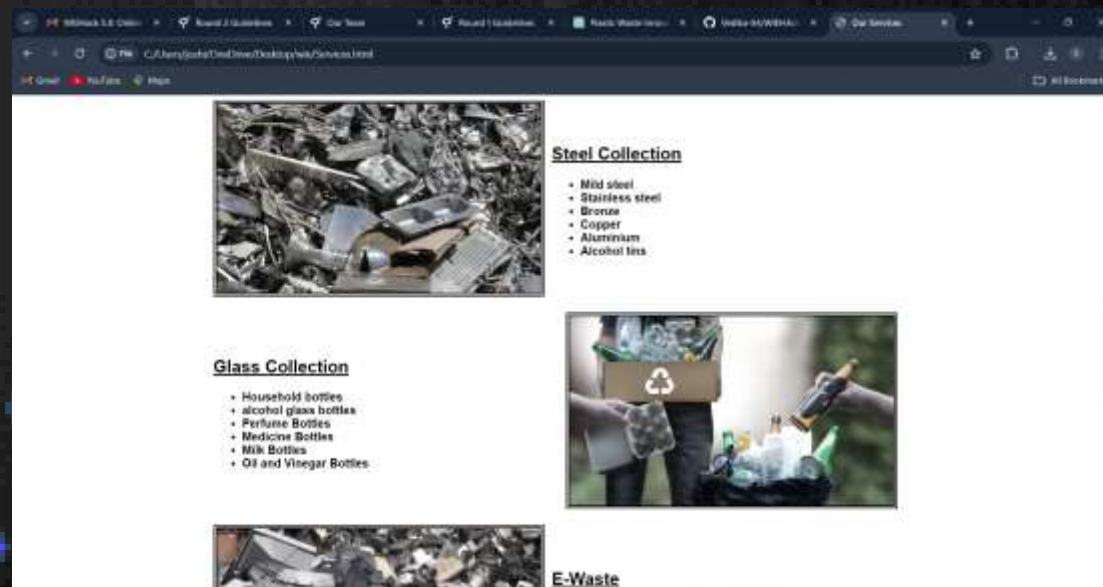


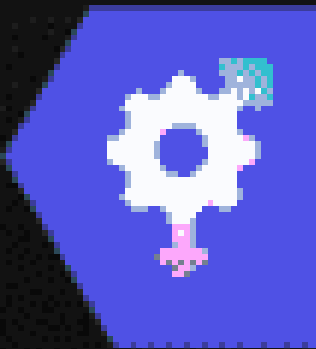
Progress(Round 2):- About Page





Progress(Round 2):- Services





Progress(Round 2):- Feedback

Web browser tabs: WSHack 1.0 Order, Round 2 Guidelines, Our Team, Round 1 Guidelines, Plastic Waste Free, WSHack 1.0 Order, Feedback

Address bar: C:\Users\josh\Desktop\wshack\wshack.html

Get in touch with us

"We all need people who will give us feedback. That's how we improve."
– Bill Gates

Any remarks/questions? Just write us a message!

Send Your Feedback

Name:

Email:

Phone:

Feedback:

Rate (out of 10):

Web browser tabs: WSHack 1.0 Order, Round 2 Guidelines, Our Team, Round 1 Guidelines, Plastic Waste Free, WSHack 1.0 Order, Feedback

Address bar: C:\Users\josh\Desktop\wshack\wshack.html

Send Your Feedback

Name:

Email:

Phone:

Feedback:

Rate (out of 10):

Submit

Contact: [123-456-789](tel:123-456-789)

Email: example@example.com

Location: 123 Street, City, Country

Web browser tabs: WSHack 1.0 Order, Round 2 Guidelines, Our Team, Round 1 Guidelines, Plastic Waste Free, WSHack 1.0 Order, Feedback

Address bar: C:\Users\josh\Desktop\wshack\wshack.html

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Feedback:

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Thank You

