



WIEHACK4.0

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OPEN INNOVATION



ABSTRACT

- Waste management is a crucial aspect of maintaining environmental sustainability and public health.
- As the material wealth of households has increased, generation of waste has also steadily increased thus proper waste management play a vital role in protecting our environment.
- This project provides an overview of the application of good governance though participation of local peoples, strong awareness campaign, replication of innovate and appropriate technology to achieve sound waste management and sustainable recycling industry.





PROBLEM SOLVED

- Public awareness should be increased
- Active participation of locals
- Support from authorities
- Promoting good waste management practices
- Adaptable and sustainable waste management system





PROPOSED SOLUTION

- ★ User friendly website with personalised id and password
- ★ The website updates the amount of waste produced by per person and also publishes leaderboard of the particular community.
- ★ In order to promote local participation, we have added a challenge feature in the website.
- ★ In which one gets rewards such as tax reduction for producing less amount of plastic
- ★ Also if one segregate their waste 100 percent reward will be given and special points will be given.
- ★ So everyone will consider this website not as a burden but as a benefit.
- ★ A strong awareness programme will be held virtually every month by experts.
- ★ Automated sorting of waste by robots will be given as an addition for premium users





TECH STACK

Website:

Programming Languages: HTML ,CSS,JAVASCRIPT

Front-end: HTML/CSS: For structuring and styling the website.

Back-end: JavaScript: For implementing interactivity and dynamic functionality on the client-side.

React: A popular JavaScript framework for building user interfaces with reusable components.

Software: Visual Studio Code

APIs: Integrate with relevant APIs for features like waste disposal location data, recycling guidelines, or waste collection schedules.

Security: Implement secure practices such as HTTPS, encryption, and authentication mechanisms to protect user data.





TARGET AUDIENCE

Who are the customers you want to cater to?

We are targeting local people because we should start from the root itself to heal the earth.

From the local people , we are extending our project to major village roads,cities,institutions,hospitals,educational centres,etc..where there are a lot of people and there is a chance to produce more waste.





PROGRESS REPORT

WHAT HAVE YOU DONE ?

A user friendly website,
It includes option like
leaderboard, statistics of waste
produced, chat with
experts, awareness campaign etc..

WHAT ARE YOU PLANNING TO DO ?

Implementation of this waste
management technique by day
to day active participation of
people.
Adding more features in website
day by day.






SCREENSHOTS / IMAGES







Username

Password

☐ Remember me [Forgot Password?](#)

[LOGIN](#)





Thank You