



DUMPBUSTER

-ILLEGAL DUMPING SITE

Lets Make the World ...
A better Place to Live in ...



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Thank You



Overview

01



Environmental
Degradation

Public Health
Concerns



02

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Pest
Infestation

Aesthetic and
Social Impact



04

INTRODUCTION

Illegal dumping poses serious environmental and health risks, degrading the quality of life in cities. It leads to pollution, attracts pests, and creates eyesores that harm both urban and natural areas.

The Dumpbuster web app provides a user-friendly platform for reporting and addressing illegal dumping incidents. It offers an efficient and convenient way to keep our cities free from waste.



FEATURES

PHOTO CAPTURE AND UPLOAD

Users can easily capture and upload photos of illegally dumped garbage, providing visual evidence for immediate action.

REAL-TIME LOCATION ACCESS

Dumpbuster utilizes real-time location access to map and track reported dumping sites, enabling quick response and intervention.

REPORT SUBMISSION PROCESS

The web app ensures a streamlined report submission process, allowing users to efficiently provide details and contribute to tackling the issue.

BENEFITS OF DUMPBUSTER



Clean and Waste-Free Cities

Dumpbuster is a digital solution aimed at resolving the problem of illegal dumping. By leveraging technology, Dumpbuster empowers communities to take action and keep their cities clean.



Efficient Waste Management

By identifying and addressing dumping sites promptly, Dumpbuster enables efficient waste management practices, minimizing potential health and environmental hazards.



Community Engagement and Awareness

Dumpbuster serves as a platform for community engagement and awareness, fostering a collective effort towards maintaining a clean and sustainable urban environment.

Technical Implementation

ATTRIBUTES

TECHNOLOGIES USED

Locations

Utilized Google Map API

Storage (BackEnd)

Databases used
(Mongoose,MongoDB)



User Interface(FrontEnd)

Frontend (HTML,CSS,JS,Bootstrap)
frameworks(ReactJS, NodeJS)



Backend

Express Server and APIs

FUTURE SCOPE

- **Community Building and Collaboration**
- **Machine Learning and Predictive Analytics**
- **Government and Municipal Integration**
- **Multi-Language Support:**

CONCLUSION

In conclusion, the Dumpbuster web app is a valuable tool in the ongoing effort to combat illegal dumping in our cities.

Providing a user-friendly platform for reporting and addressing such incidents, empowers both residents and authorities to take swift action and maintain clean, healthy communities.

With its efficiency and convenience, Dumpbuster not only helps reduce environmental harm but also fosters a sense of responsibility among citizens, contributing to the overall well-being and beauty of our urban areas.

This project is a step forward in our commitment to creating cleaner, safer, and more sustainable cities for everyone to enjoy.



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Our Team

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FINAL YEAR
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THANK YOU

