



HackOrbit 2025

TEAM INNOVISTAR

Sustainability

Problem Statement

In today's world, civic issues like potholes, garbage accumulation, sewage overflows, and electrical faults are widespread, yet the process to report and resolve them remains slow, disconnected, and demotivating.

- No transparency or accountability in tracking local authorities or ground workers.
- Citizen efforts go unrecognized, leading to low motivation.
- No platform to collaborate on civic issues or showcase impact.
- No unified system to report problems or choose preferred resolvers (Govt/NGO/private).
- Lack of connection between citizens, government, NGOs, and workers slows resolution.
- No system to track or rank performance of authorities or contributors.

Multiple platforms exist, but there is no unified, transparent, and socially engaging system where citizens, NGOs, private maintenance workers, and government bodies can collaborate effectively.

PROPOSED SOLUTION



We propose a unified, AI-powered mobile application 📱 that enables citizens to easily report civic issues by uploading images 📸. The app identifies the problem type using AI and allows users to choose a preferred resolution path—Government 🏛️ NGO , or private maintenance workers 🚧.

To drive engagement, the platform functions like a social network , where users can follow issue updates 🎙, rate resolutions , and view leaderboards 🏆. Contributors earn badges and build public profiles showcasing their civic impact.



This solution promotes transparency 🔎, accountability , and active participation by connecting citizens, authorities, and service providers on a single platform—ultimately accelerating the resolution of public issues and fostering sustainable urban development 🌱🏗️.

FLOWCHART / DIAGRAM

- **Issue Reporting with AI & Resolution Choice**

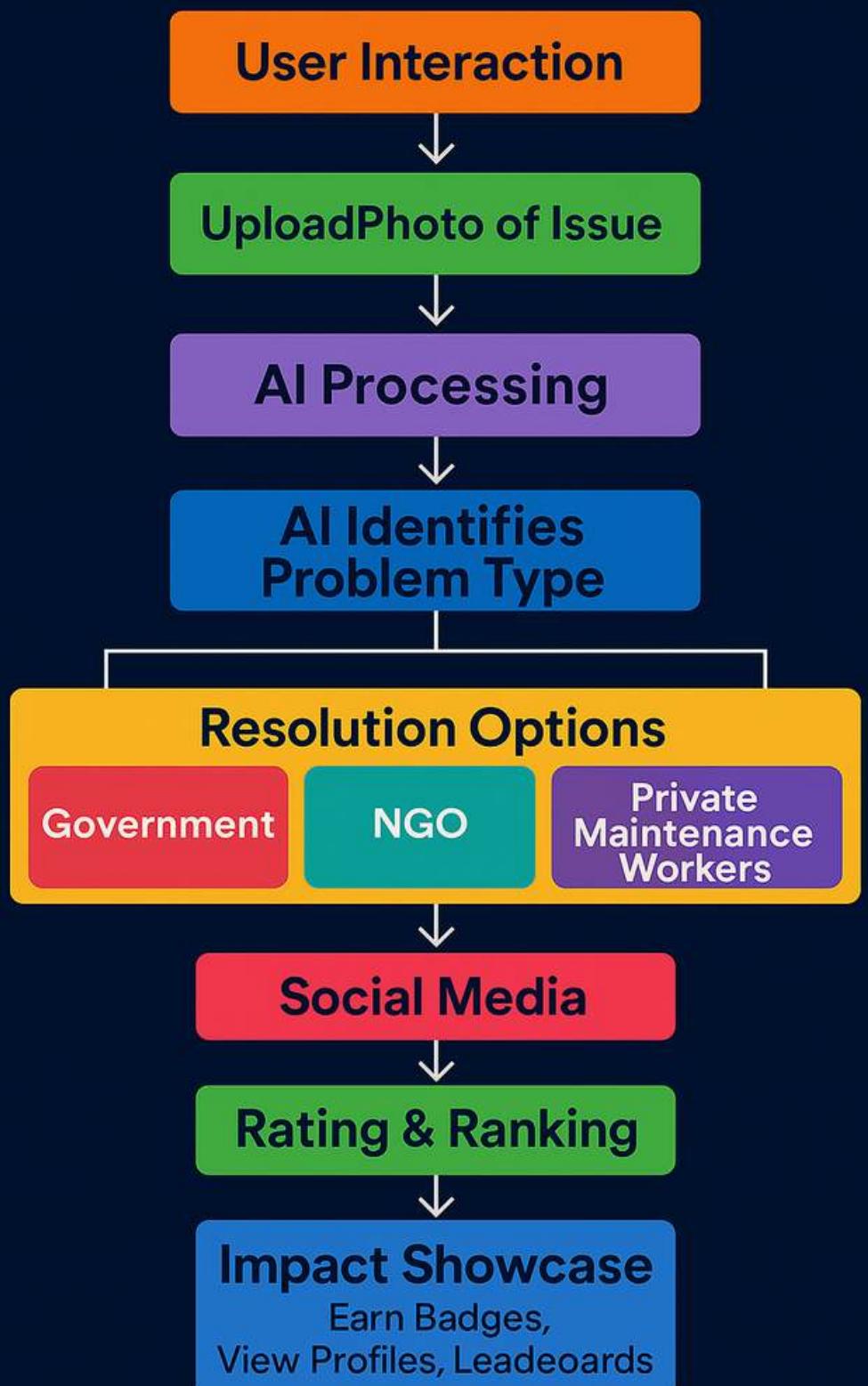
Users upload a photo of a civic issue through the app. AI processes the image to identify the problem type—like pothole, garbage, or sewage—and the user selects how they want it resolved: via government, NGO, or private workers.

- **Public Feed, Engagement & Tracking**

The issue is then posted on a public feed for transparency and community engagement. Users can track updates, interact with posts, and rate the resolution after it's completed.

- **Ratings, Badges & Leaderboards for Transparency**

Contributors earn badges, are ranked on leaderboards, and build public profiles showcasing their impact. This creates a transparent, gamified system that encourages civic participation and supports sustainable development.



FLOWCHART / DIAGRAM

1. User Interaction

The process begins when a citizen interacts with the app.

2. Upload Photo of Issue

The user uploads a photo of the issue they want to report.

3. AI Processing

The app uses Artificial Intelligence to analyze the image.

4. AI Identifies Problem Type

- The AI classifies the issue: whether it's a pothole, garbage dump, sewage overflow, electricity problem, etc.

5. Resolution Options

- After identifying the issue, the user is given three resolution options:
 - Government , NGO , Private individuals .



KEY BENEFITS

👤 Citizens

- ✓ Quick, hassle-free reporting
- ✓ Recognition through badges & performance profile
- ✓ Track how much they've contributed to improving their surroundings

🤝 NGOs

- ✓ Direct visibility of ground-level problems
- ✓ Easy collaboration opportunities
- ✓ Recognition for their work

🛠️ Private Maintenance Individuals

- ✓ Access to genuine work opportunities
- ✓ Verified work profiles to build credibility
- ✓ Ranked based on performance, building trust with citizens

🏛️ Government Bodies

- ✓ Streamlined, real-time problem reporting
- ✓ Transparent public feedback
- ✓ Performance rankings motivate better service delivery

FEATURES

🔍 AI-Powered Issue Detection

Automatically identifies issue type from uploaded images

🏆 Gamification & Leaderboards

Users and contributors earn badges and are ranked based on impact.

🔧 Multiple Resolution Paths

Lets users choose between Government, NGO, or Private maintenance workers.

🤝 Collaborative Model

Connects citizens, government, NGOs, and private players on a single platform.

📣 Social + Civic Integration

Combines social media-style visibility with real-world problem solving.

DRAWBACK AND SHOWSTOPPERS

Sustained User Engagement :- Users may lose interest if issues are not resolved promptly or if recognition is inadequate.

Verification & Accountability: Ensuring that uploaded photos are genuine and not spam or duplicates

Data Privacy & Security: Handling sensitive location data and user identities .

Sustained User Engagement : Users may lose interest if issues are not resolved promptly or if recognition is inadequate.

TEAM INNOVISTAR

PUSHPENDRA SURYAWANSHI --- 9691284390

AKSHIT PAHADE ---9584229052

PRATIK PRAJAPATI ---8251010643

**AI aur Awaaz – Nagar Sudhaar ke
Saath!**

Thank You