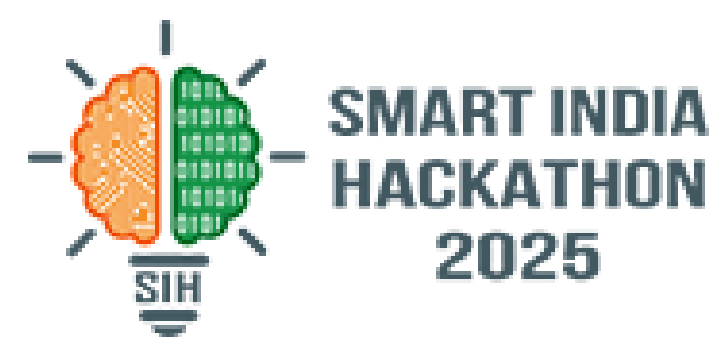


# SMART INDIA HACKATHON 2025



- **Problem Statement ID** – 25031
- **Problem Statement Title**- Crowdsourced Civic Issue Reporting and Resolution System
- **Theme**- Clean & Green Technology
- **PS Category**- Software
- **Team ID**-
- **Team Name (Registered on portal)**- Dabbe mein Dockers

## Problems:

- **Difficulty reporting civic issues quickly and accurately.**
- **Lack of real-time feedback or updates on complaints.**
- **Poor issue resolution or ignored complaints.**
- **Confusing apps with slow or buggy interfaces.**
- **No direct communication with authorities.**
- **Location tagging errors causing misdirected reports**
- **Limited multi-input options (e.g., photo, voice)**
- **Lack of motivation to report due to low trust in outcome**

## Solutions:

- **Easy, mobile-first reporting with photos, voice, and text inputs.**
- **Automated, precise location tagging for accurate issue placement.**
- **Real-time status updates with notifications at every stage.**
- **Local language incorporated user-friendly, glitch-free interface ensuring smooth experience.**
- **AI-enabled automatic issue classification and routing.**
- **Engagement through rewards for active citizen participation.**
- **Geo location tracking to see problem saturated areas.**

## Tech Stack:



### Frontend:

- React.js  / Next.js : Web application interface
- Tailwind: Page Styling
- ShadCN, DevUI, Framer: Prebuilt Components

### Cloud/ Hosting:

- Frontend Hosting: Vercel
- Backend Hosting:Render 

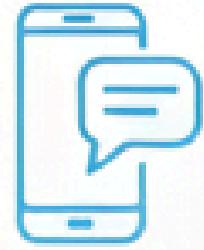
### Backend:

- Language: Node.js / Express 
- Database: MySQL 
- API: Location & Notification APIs (eg: Nodemailer)

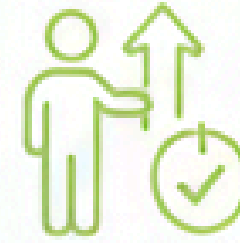
### Additional Tools:

- GitHub  -Version Control
- Figma-UI/UX Design

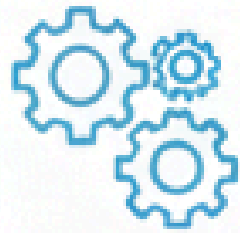
# FEASIBILITY AND VIABILITY



Empowers citizens with a simple, mobile platform with instant issue reporting and civic participation.



High citizen motivation driven by desire to improve local living conditions and transparency.



Enables automated routing and streamlined task management for faster municipal response and resolution.



Strong government commitment to accountability, ensured through measurable response and ranking systems.



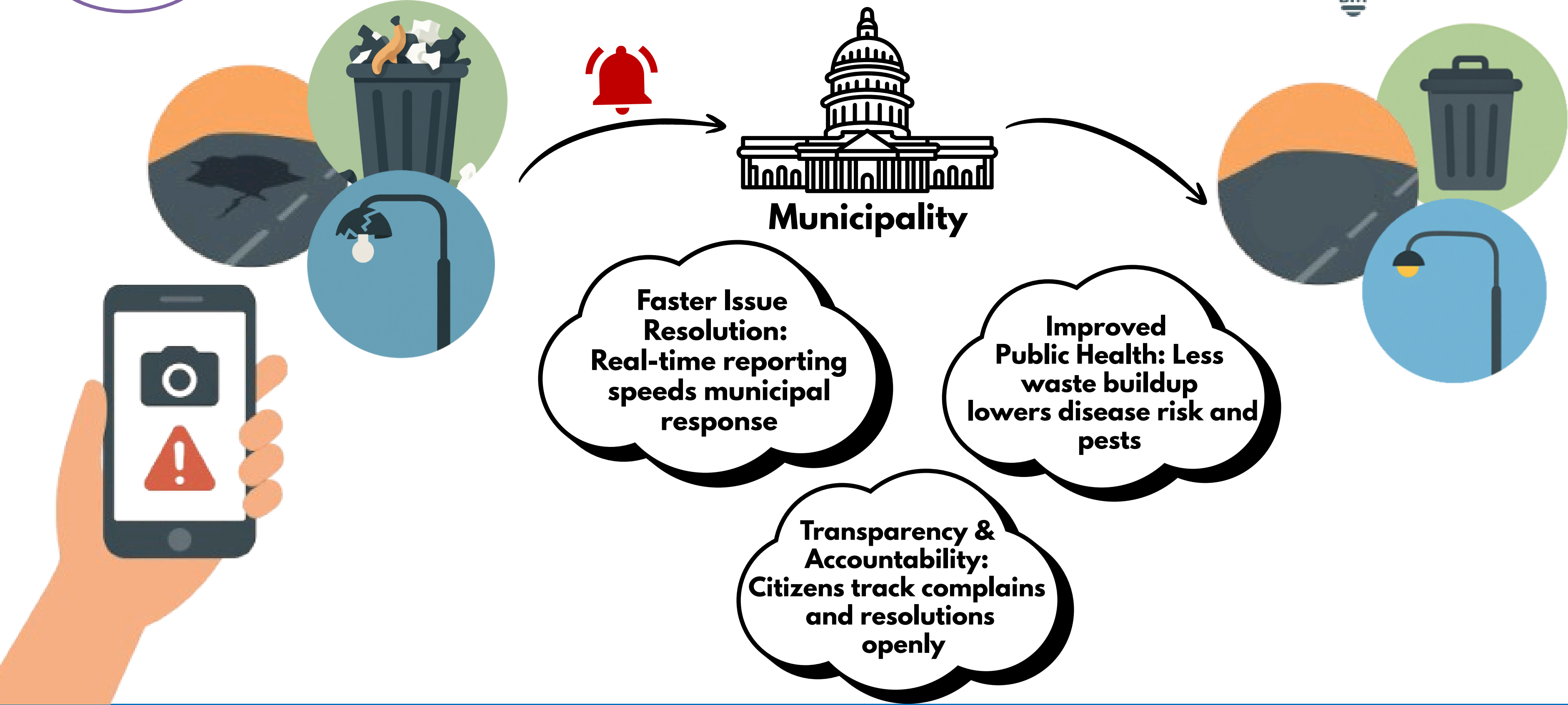
Fosters community trust and engagement through transparent progress tracking and timely notifications.



Proven community trust supported by direct communication channels and verified issue resolution.

Dabbe mei  
Docker

# IMPACT AND BENEFITS





# RESEARCH AND REFERENCES



- We compiled extensive academic literature, research papers, and studies relevant to smart civic issue reporting systems, image recognition, online platforms and solutions through mobile apps:

[https://drive.google.com/file/d/1WGCfv5yUaPVVD\\_RbITRodmHwgg5r2PVr/view?usp=drivesdk](https://drive.google.com/file/d/1WGCfv5yUaPVVD_RbITRodmHwgg5r2PVr/view?usp=drivesdk)



- Our research paper summary, discussing why previous potential solutions failed, unique selling points and development roadmap:

<https://drive.google.com/file/d/1fFvDJ-mysKMq27vPXRH7J5Rpd4vRtHq3/view?usp=drivesdk>

