SYRUS HACKATHON 2025

Category Code: C1

Problem Statement Title: Friendly Neighbourhood App – Gamified Crowdsourced Civic Solutions (SDG 11 ,SDG 16)

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UPTIQ   unstop   Github   sprect   Rotary Club   interview buddy   appwrite   .xyz   fueler   Interview Cake

Idea / Approach details (& implemented features)

- Parker swings into action to report a city concern or lost item, verifying his identity—because even heroes prove they're the real deal! 🕷️

SIGN IN PAGE

- He Registers a Complaint regarding the problem he has.
- He also gives location of his request along with a picture

COMPLAINT PAGE

- Parker enters the SpideySense HomeScreen, an interactive web-mapped city highlighting Crime Hotspots where users earn Hero Points by reporting and resolving issues! 🕸️🕷️

MAP PAGE

- Parker enters the Complaint Page, viewing local & global issues. 🕷️
- Complaints are neatly categorized for quick action! 💥

COMPLAINTS PAGE

- Parker enters the Lost & Found Page to reclaim lost items. 🕷️
- Verification questions ensure rightful ownership! 🕸️

LOST AND FOUND

- Parker's Profile Page displays his credibility points. 🕷️
- Earned through correct & verified reports! 🕸️

PROFILE PAGE

The current civic technology sector primarily concentrates its efforts on massive infrastructure development alongside one-way information transmission systems.

What happens to the everyday disruptive problems which urban citizens experience during their daily routines? Daily problems such as broken roads, leaking water systems and delayed transit services and lost possessions negatively impact quality of life unless proper solutions are found. The everyday problems that urban residents face directly in their environment fail to reach traditional channels because these channels lack real-time feedback and insufficient verification processes and limited community involvement

The interactive gamified platform Friendly Neighbourhood App turns ordinary civic complaints into a game-inspired system that mimics location-based tasks. The system enables citizens to move from simple problem reporting to active issue resolution by engaging in collective community problem-solving.

Innovation (Showstopper)

Interactive Map Alerts: SpiderMan-Inspired Icons for Emergencies & Events	Map UI: Live Location Event Triggers	Validated Item Recall via Questionnaire"
2x Complaint Verification using Google News and Tweets	ID-Based Identity Verification	SmartPath AI: Effortless Navigation at Your Fingertips
Tiered Complaint & Help Registry: Local & Global, Emergency & Regular	Authenticity-Based Social Credibility Score Growth	Lost and Found

Next-Gen Features :

1) **Interactive Map Alerts** – SpiderMan-inspired icons for instant emergency & event awareness.
2)**Live Map Triggers** – Get real-time updates based on your location.
3)**Smart Item Recall** – AI-driven questionnaire ensures you never forget important items.
4)**2x Complaint Verification** – Google News & Twitter-powered credibility checks.
5)**Secure ID Verification** – Fast, reliable, and seamless identity authentication.
6)**SmartPath AI Navigation** – Hassle-free AI-driven route optimization.
7)**Tiered Complaint Registry** – Local, global & emergency issue reporting.
8)**Social Credibility Score** – Earn trust with verified actions.
9) **AI-Powered Lost & Found** – Never lose track of what matters.
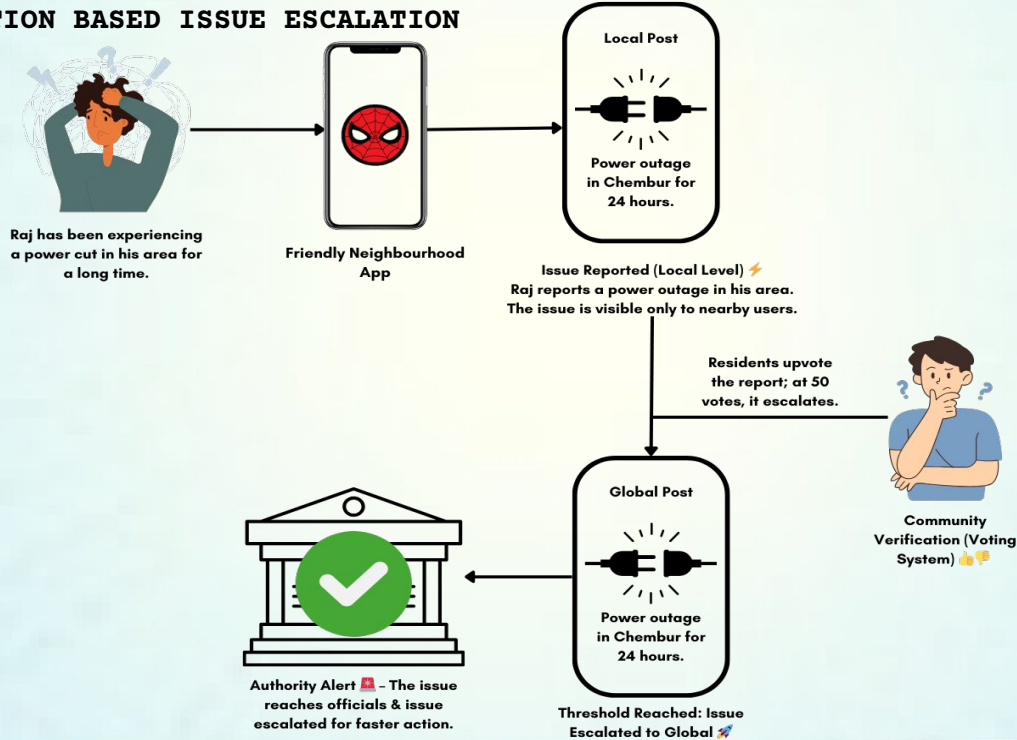
Tech Stack

FRONTEND AND DATABASE

BACKEND APIS

Use Case Diagram
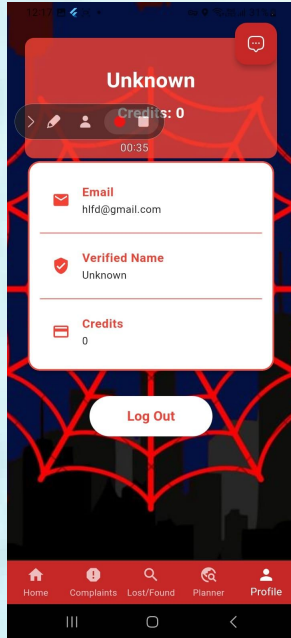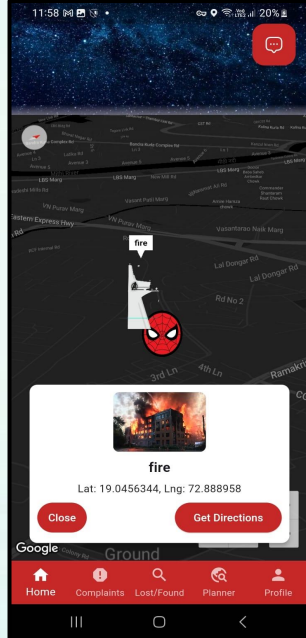

VERIFICATION BASED ISSUE ESCALATION

Raj has been experiencing a power cut in his area for a long time.

Friendly Neighbourhood App

Local Post

Power outage in Chembur for 24 hours.

Issue Reported (Local Level) ⚡
Raj reports a power outage in his area. The issue is visible only to nearby users.

Residents upvote the report; at 50 votes, it escalates.

Community Verification (Voting System) 👍👎

Global Post

Power outage in Chembur for 24 hours.

Threshold Reached: Issue Escalated to Global 🚀

Authority Alert 🚨 – The issue reaches officials & issue escalated for faster action.
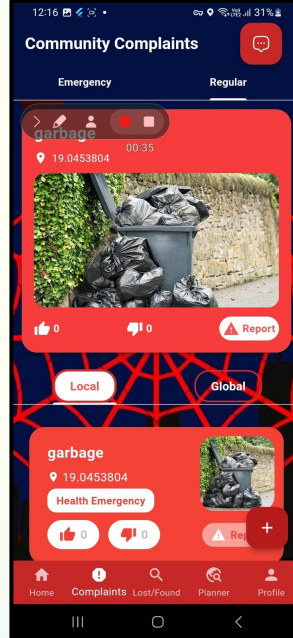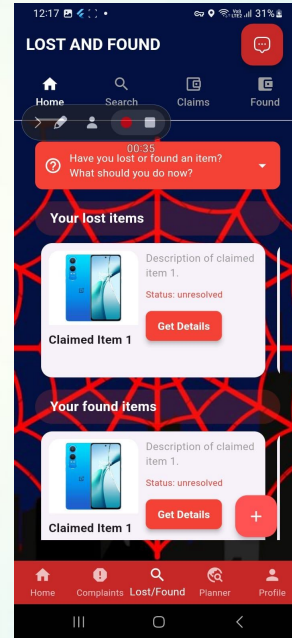
Implementation (screenshots)
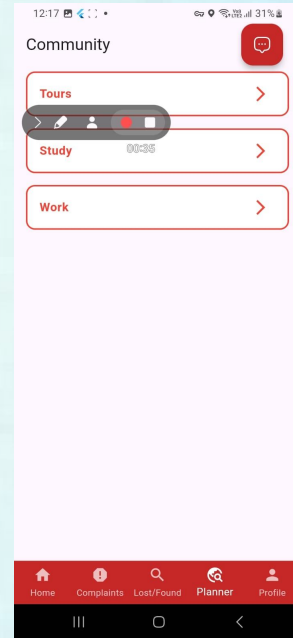

Profile Page with
Social Credits

Map Page

Community Complaint Page

Lost and Found Page

Community Groups
Page

Future Objectives

- **3D Interactive Map** – Introduce a dynamic 3D map for a more immersive experience in complaint tracking and navigation.

- **Multi-Language Support** – Expand accessibility by incorporating multilingual support for diverse user   engagement.

- **Voice-Based Complaint Logging** – Enable users to register complaints using voice commands for   a   hands-free   experience.

- **Augmented Reality (AR) Navigation** – Improve user experience with AR-based live directions and   complaint   hotspots   visualization.

- **Public-Private Collaboration Portal** – A dedicated platform for authorities and businesses to resolve   issues   efficiently.

- **Advanced Data Analytics Dashboard** – Implement an AI-powered dashboard for real-time insights, trends, and predictive analytics on complaints and user activity.