

Project Report

Title of Project:

AI-Powered Secure Whistleblower & Corruption Awareness Platform

Name of the Innovator:

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Start Date:

05/02/2026

End Date:

10/02/2026

Day 1: Empathise & Define

Step 1: Understanding the Need

Which problem am I trying to solve?

Addressing the systemic barrier of corruption by providing a secure, anonymous reporting mechanism and bridging the legal knowledge gap among citizens

Who is affected by this problem?

General public, students, honest government employees, and victims of administrative bribery or corporate fraud.

How did I find out about this?

Interviews, Observation, Online Research, AI Tools

Step 2: Problem Statement

Citizens hesitate to report corruption due to fear of retaliation, lack of anonymity, and complex legal procedures, leading to an environment of unchecked systemic bribery

Why is this problem important to solve?

Corruption hinders economic growth and social justice; according to global indices, platforms that ensure whistleblower protection can increase reporting rates by over 40%.

Take-home task insights:

Most people are willing to report corruption but don't know the difference between Bribery and Extortion, and they fear their IP addresses or identities will be leaked to the accused.

Day 2: Ideate

Step 3: List at least 5 different solutions:

1. 1. A blockchain-based anonymous reporting portal with zero-knowledge proof.
2. 2. An AI-driven gamified learning app teaching the RTI Act and Whistleblower Protection Act
3. 3. A real-time corruption heatmap using crowdsourced data to alert citizens of high-risk zones
4. 4. A centralized dashboard for NGOs and authorities to track case progress transparently
5. 5. An integrated system combining secure reporting, AI-based fake report detection, and micro-learning modules

Step 4: My favourite solution:

An integrated Civic-Tech System featuring Secure Whistleblower Reporting, AI-Language Translation, and a Gamified Education engine

Step 5: Why am I choosing this solution?

This solution addresses the three pillars of change: Awareness (knowing rights), Action (secure reporting), and Accountability (authority tracking)

Day 3: Prototype & Test

Step 6: What will my solution look like?

The prototype features a Next.js web application with an 'Anonymous Report' button that uses client-side AES-256 encryption. It includes a dashboard with micro-learning cards for 5-minute legal lessons and a regional language toggle that uses AI to translate inputs for non-English speakers. A status tracker allows reporters to check case progress using a unique 16-digit hash key without an account.

What AI tools will I need?

Language translation APIs, sentiment analysis for report prioritization, and text classification models

Selected AI tools:

1. 1. ChatGPT (Mobile app for content generation)
2. 2. Google Lens (for document scanning)
3. 3. Canva (for interactive UI mockups)
4. 4. Loom (for site walkthrough recording)
5. 5. Hugging Face (free NLP models for classification)

Step 7: Test - Getting Feedback

Who did I share my solution with?

College peers, a local NGO worker, and 3 faculty members

What works well:

The anonymity aspect and the ease of uploading evidence like photos/audio were highly praised.

What needs improvement:

The legal terminology in the education module was initially too complex; needs more visual infographics.

Day 4: Showcase

Step 8: Final Project Title:

1-Minute Pitch Summary:

CivicTrust is a secure civic-tech platform designed to combat corruption. It solves the problem of reporter fear through a 'Zero-Knowledge' architecture where no IP logs are kept. Innovation highlights include AI-based risk scoring and automatic translation of regional complaints to English for authorities. Feedback led to a more gamified 'point system' for learners. Impact targets a 30% increase in grassroots reporting accuracy and widespread legal literacy

Step 9: Reflections

What did I enjoy the most?

Designing the security architecture to ensure that even the system admins cannot see the reporter's identity.

What was my biggest challenge?

Simplifying complex legal acts like the RTI into 5-minute 'Micro-learning' modules that are easy for everyone to understand.

Project Link:

<https://truth-shield-light.lovable.app>