

# CivicPulse Design Document

## 1. Overview

CivicPulse is a crowd-powered civic reporting app enabling residents to report issues like potholes, trash, and

## 2. Design Inspiration

- Suggested inspiration sources: Dribbble, Mobbin
- Clean map-first UI, bottom-sheet report flow, and bold status tags.

## 3. Key Screens (Wireframe-Level)

### A) Map Home

- Full-screen map with report markers
- Filter chips: All / Potholes / Trash / Hazards
- Floating action button: + Report

### B) Create Report Flow

- Step 1: Select category
- Step 2: Add description
- Step 3: Upload photo (S3 presigned)
- Step 4: Confirm location (pin drop)

### C) Nearby Feed

- List view sorted by visibilityScore
- Each card shows: category, status, distance, upvotes

### D) Report Detail

- Photo + metadata + map snapshot
- Upvote button (1 vote/user/report)
- Comments section
- Status timeline / audit log

### E) Admin Dashboard

- Table of reports with tier filtering (Tier0–Tier3)
- Status management + escalation queue

## 4. UI Components

- Marker pins by category color
- Status pill: Open / In Review / Resolved
- Bottom sheet for report creation + detail preview
- Toast notifications for actions

## 5. Interaction Notes

- Tapping marker opens preview bottom sheet
- Swipe up expands report detail
- Upvote animates + updates score immediately

## 6. Accessibility

- High-contrast colors

- Minimum 44px tap targets
- Screen-reader labels for map controls