

Community Engagement App (4 Pages)

(UrbanEase)

Page 1 – Home / Dashboard Header: City name (auto-location or select manually).

Main Buttons (big icons):

- Report Issue
- View Reports (Map)
- City Updates
- Profile

Quick stats panel (small cards at bottom): #Reports today | % validated with NASA data | #Resolved

(Tap → navigates to next pages)

Page 2 – Report Issue

- Step 1: Select Issue Type (Heat | Flood | Pollution | Water | Infrastructure).
- Step 2: Add Evidence
 - Upload photo/video
 - Auto GPS location or pin on map
- Step 3: Add Details
 - Short description box
- Urgency slider (Low–High)
- Submit → NASA auto-check in background

Confirmation: “Thanks! NASA validation in progress. You’ll be notified.”

Page 3 – Reports Map (Interactive) Map with Toggle Layers:

- Citizen Reports (pins: red = heat, blue = flood, etc.)
- NASA Validation Overlay (e.g., land surface temperature, soil moisture, NO₂ hotspots).
- Tap on Pin: Shows report card → “Validated by NASA (LST, SMAP)” or “Pending validation.”
- Filter Options: By category, severity, or NASA match.

Page 4 – City Updates & Profile City Updates Tab

- List of government responses (e.g., “Cooling center opened – Ward 12”).
- Status badges: Pending / In-progress / Resolved.
- Profile Tab
- My Submitted Reports (with NASA validation status).
- Badges (Top Contributor, Verified Reporter).
- Settings (notifications, language).