# Phase 4a

**Task 1: Reporting Local Issues**

**Scenario 1: Quick Photo Report**

1. **Starting Point in the UI**
   * The user, **Jake**, opens the app and lands on the **Home Screen**, which displays recent local issues as a scrollable list.
2. **UI Elements Used**
   * Jake taps the **Floating Action Button (FAB)** labeled “+ Report Issue.”
   * He fills out a **Form** with a text field for a brief description, a **Dropdown** to select “Pothole,” and uses a **Map Pin** to mark the location.
   * A **Camera Icon** lets him attach a photo.
   * Finally, a **Submit Button** finalizes the report.
3. **System’s Reactions & Information Display**
   * After tapping **Submit**, the system displays a **Confirmation Dialog**: “Your issue has been reported.”
   * A **Progress Card** for the newly created report is added at the top of the Home Screen’s list, labeled “Pending Review.”
4. **Success / Error Cases**
   * **Success Case:** The photo is successfully uploaded, and a new entry appears in the “Recent Issues.”
   * **Error Case:** If the phone loses internet connection during submission, a **Popup** notifies Jake: “Upload failed. Please check your connection.” The system automatically saves the draft, allowing him to retry later.
5. **Motivation for the Design**
   * **Simplicity and Speed:** Inspired by best practices from apps like **Nextdoor** and **CitizenLab**, the quick, photo-based report lowers the barrier for participation.
   * **Immediate Feedback:** A confirmation dialog and an updated list reinforce user confidence.

**Scenario 2: Voting on Issue**

1. **Starting Point in the UI**
   * **Oliver navigates to the Issues List from the bottom Navigation Menu (icon labeled “Vote”).**
2. **UI Elements Used**
   * **He sees a List of reported issues with a short title, description snippet, and current vote count.**
   * **Next to each issue are Upvote (↑) and Downvote (↓) Buttons.**
3. **System’s Reactions & Information Display**
   * **When Oliver taps the Upvote button, the vote count increments. The button changes color (green) to show it’s active.**
   * **A small Snackbar message confirms: “You have upvoted this issue.”**
4. **Success / Error Cases**
   * **Success Case: The system updates the vote count and logs Oliver’s preference.**
   * **Error Case: If Oliver tries to vote on the same issue again, the system displays a Tooltip: “You have already voted on this issue.”**
5. **Motivation for the Design**
   * **Immediate Feedback: Following design heuristics of immediate response to user actions.**
   * **Clarity: Using color cues (green for upvote, red for downvote) is a widely adopted convention in forum and Q&A apps (e.g., Reddit).**