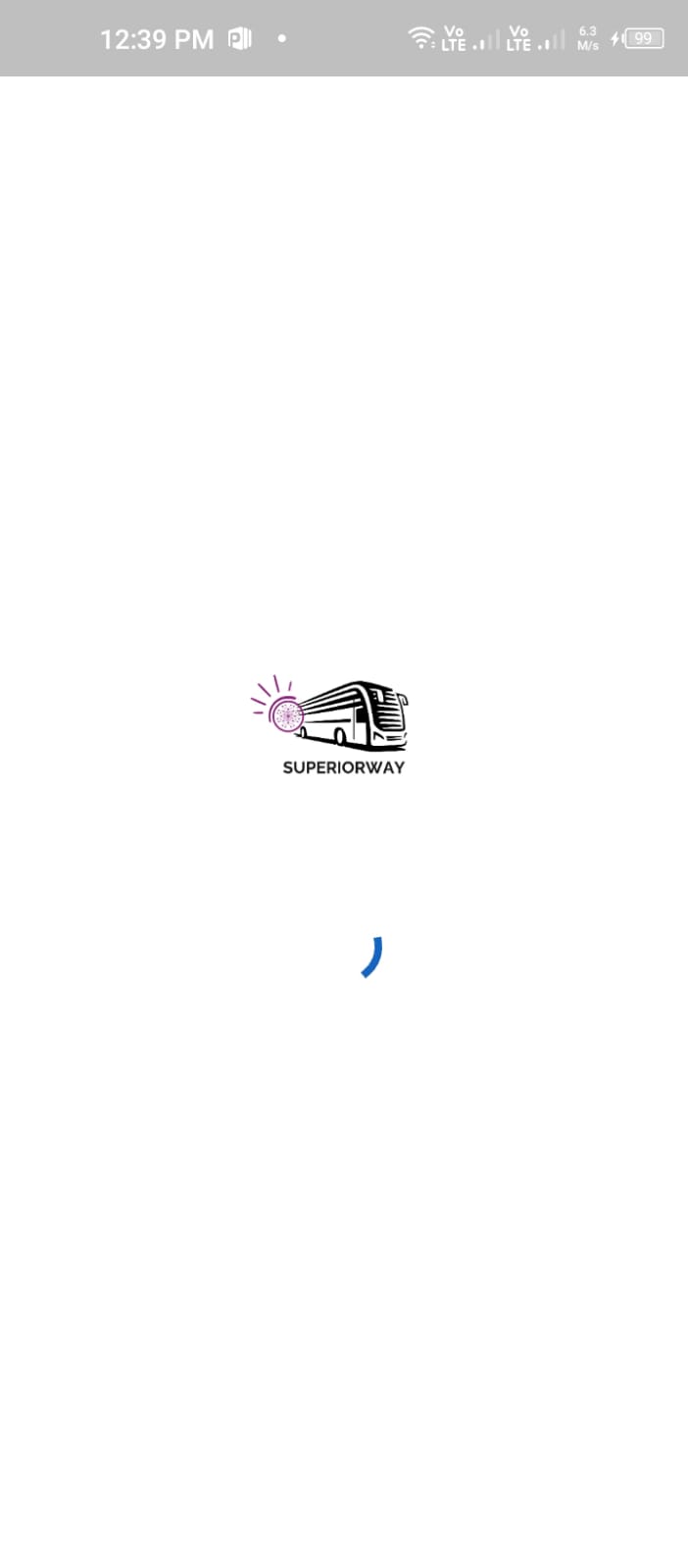
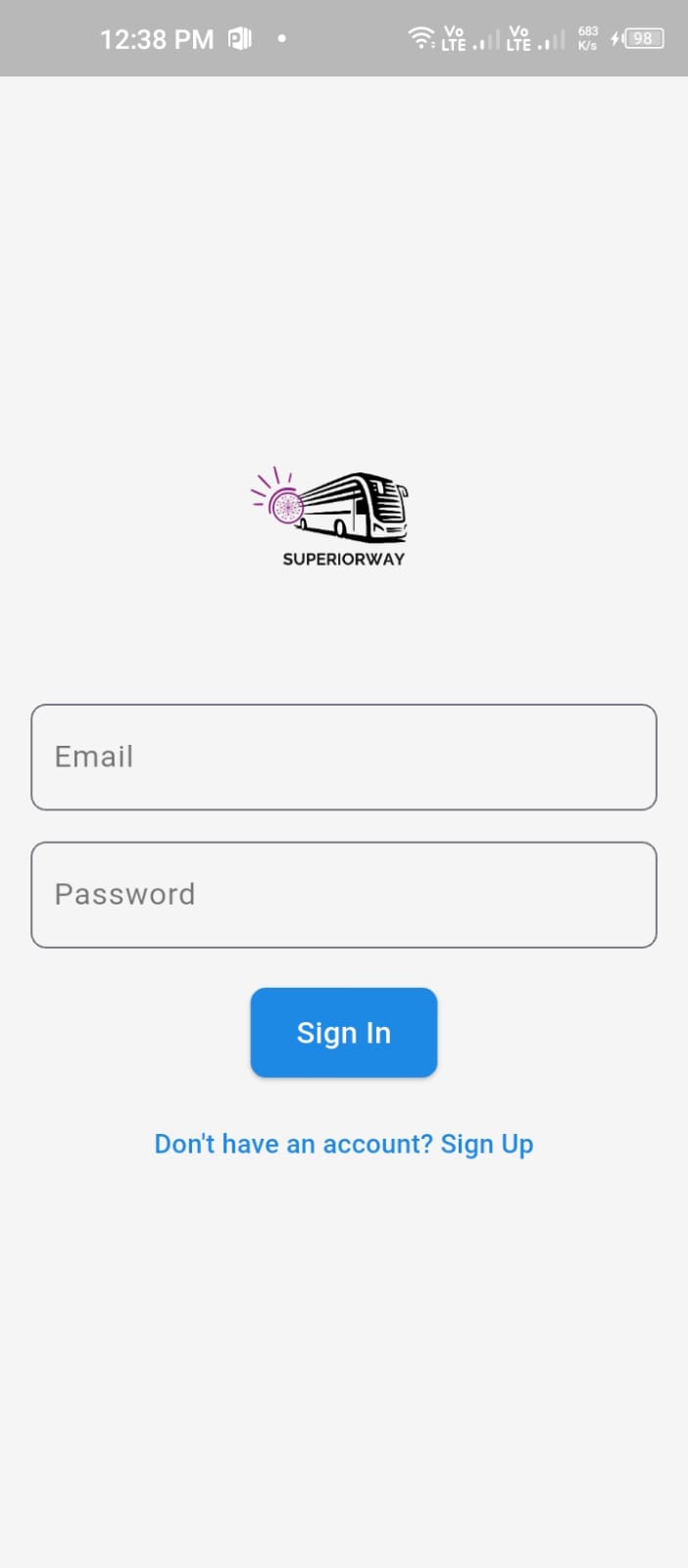
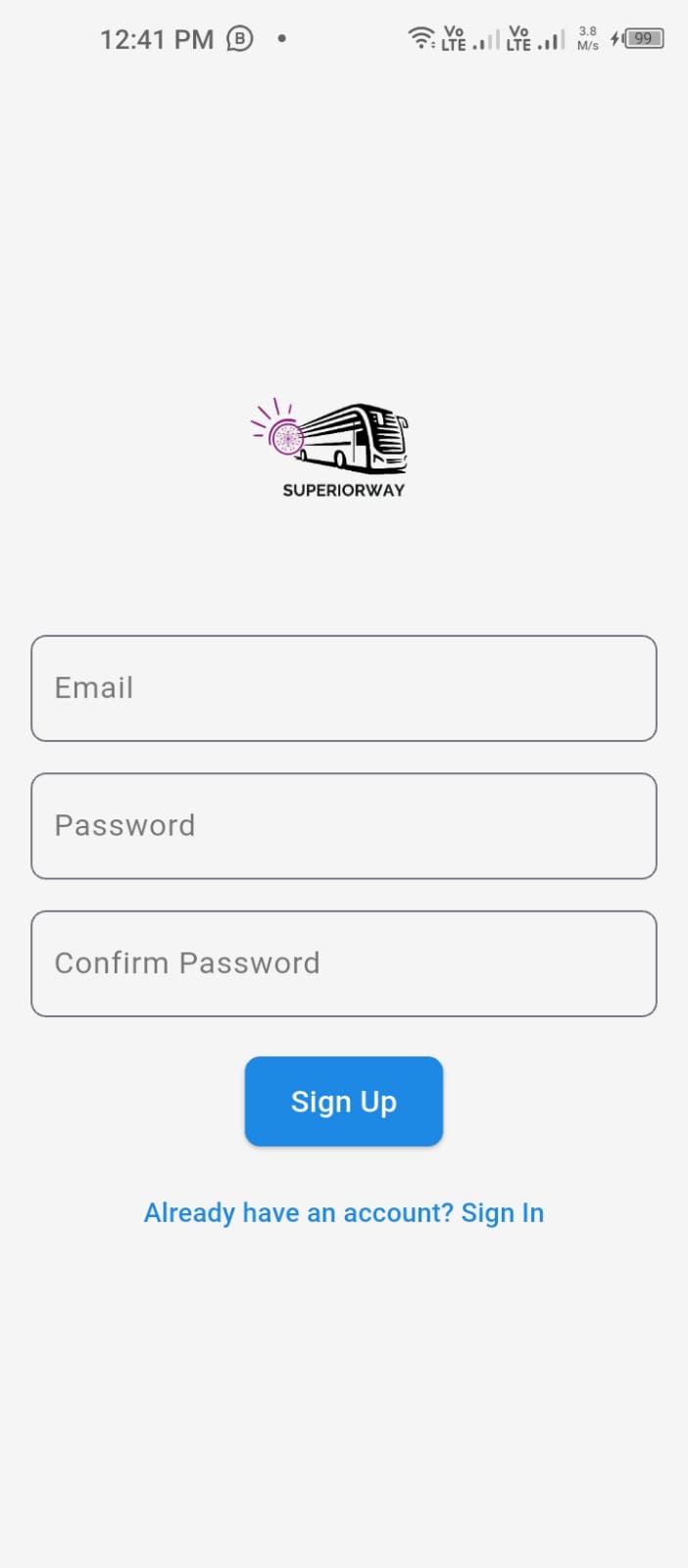
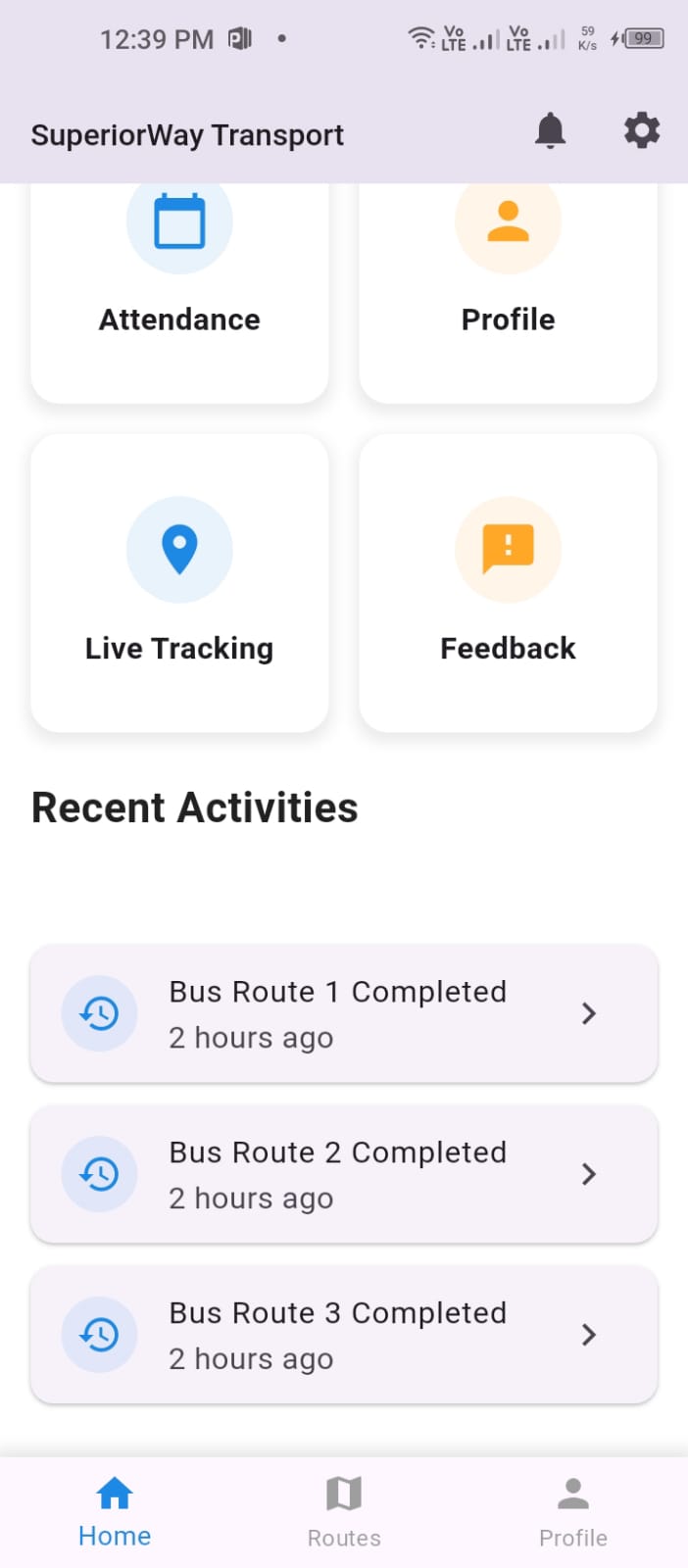
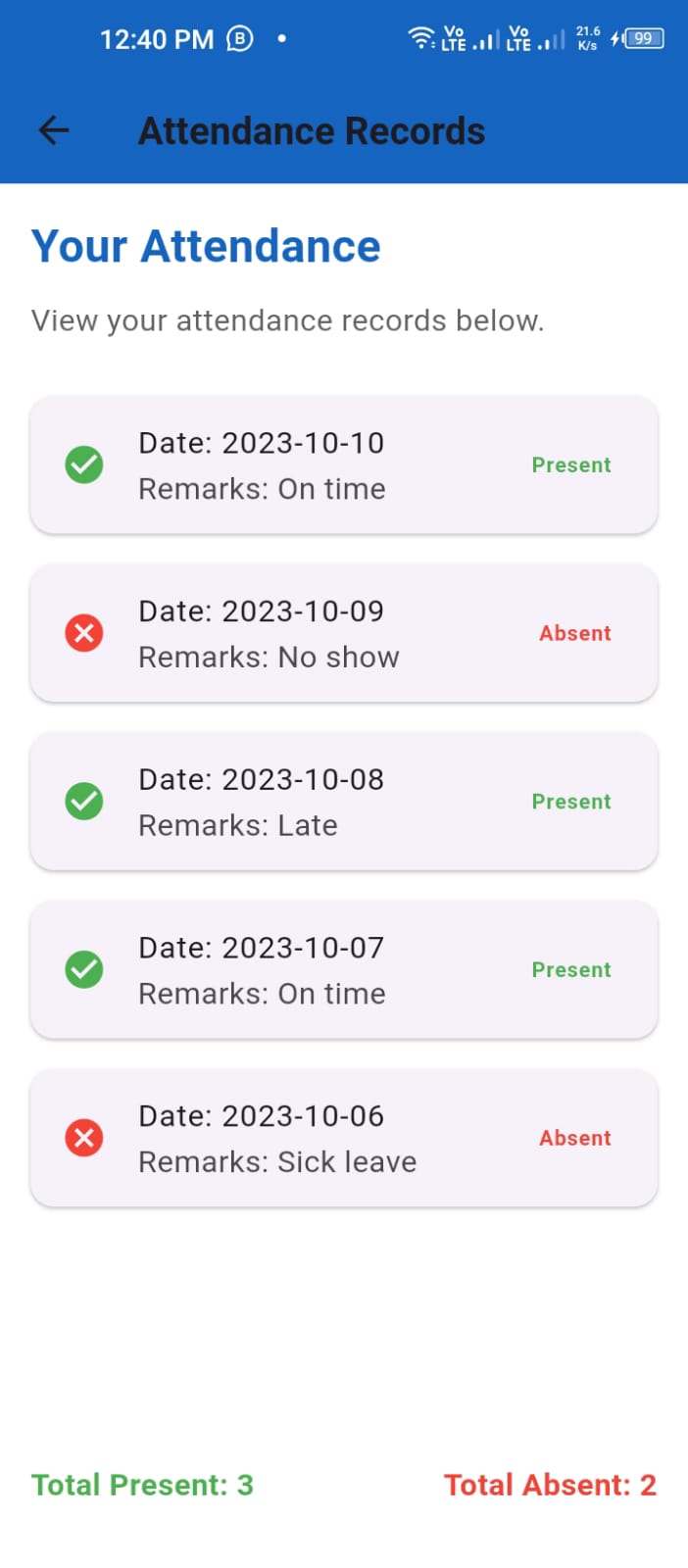
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**Flutter App UI Design Explanation**

**Overview**

The Flutter app is designed to provide a seamless user experience across various devices. The UI is clean, responsive, and easy to navigate.

**Page-by-Page Breakdown**

**\*1. Login/Signup Page\***

- Secure Authentication: Firebase Authentication ensures secure login with email/password or Google sign-in.

- Simple Form UI: Structured form UI makes input fields accessible.

- \*Button-Based Navigation\*: Guides users through authentication smoothly.

**2. Home Page (Dashboard)**

- \*Central Hub\*: Displays announcements and quick links.

- \*Grid-Based Layout\*: Improves readability and usability.

- \*List View\*: Provides a scrollable, structured display of content.

**3. Attendance Page**

- \*Structured Table Format\*: Displays student attendance records clearly.

- \*List View and Cards\*: Ensure clarity and organization.

**4. Fee Payment Page**

- \*Intuitive Interface\*: Provides a secure online payment experience.

- \*Transaction History\*: Displays transaction history in a well-structured format.

**5. Bus Schedule & Live Location Pages**

- \*Bus Schedule\*: Displays daily routes in an easy-to-read ListView.

- \*Live Location\*: Integrates Google Maps API to track real-time bus movement.

**\*6. Feedback & Profile Pages**

- \*Feedback Page\*: Contains a form for submitting suggestions or complaints.

- \*Profile Page\*: Allows students to update personal information with editable fields.

**Testing**

The app is tested on an Android emulator to ensure responsiveness, smooth navigation, and a consistent UI.