Problem Statement

The current version of the TransLoc app presents significant usability issues that negatively impact the rider experience. Many users report that the interface is cluttered, confusing, and unintuitive, making basic tasks such as viewing routes, identifying bus locations, or planning trips more difficult than necessary. Visual elements are lackluster and boring, interactive components are horribly placed, and navigation between screens feels disorganized. These design flaws not only frustrate new users but also slow down experienced riders trying to access real-time information quickly.

In addition to its interface problems, the app's tracking functionality is frequently unreliable. Bus locations may update slowly, jump to incorrect positions, or disappear entirely, causing uncertainty about arrival times. This creates challenges for students, commuters, and other riders who depend on accurate tracking to plan their schedules. When combined, the poor interface and inconsistent real-time data undermine the app's primary purpose: providing a convenient and dependable way to monitor transit services.

These issues highlight the need for a redesigned solution that offers a cleaner layout, more intuitive navigation, and more accurate, timely tracking information.