

RideCompare – Product Requirements Document (PRD)

Product Vision

RideCompare is a transportation discovery and comparison platform that enables users to view real-time price and ETA estimates across multiple ride-hailing and local transportation providers and seamlessly redirect to the chosen provider to complete booking.

Problem Statement

Users often open multiple ride-hailing apps to compare prices and availability, leading to friction, delay, and suboptimal decisions. There is no single, compliant interface that allows transparent comparison without violating provider terms of service.

Goals & Objectives

- Reduce time to compare ride options
- Improve cost transparency for users
- Provide a legally compliant aggregation layer
- Enable quick redirection to preferred providers

In Scope

- Price and ETA estimates via official APIs
- Category normalization (Standard, XL, Premium)
- Ranking and comparison logic
- Deep-link or web redirection for booking

Out of Scope

- Booking or payment handling
- Scraping provider apps or websites
- Storing historical pricing data
- Acting as a transportation broker

Supported Providers

Initial support includes Uber, Lyft, and select local taxi or shuttle services. All integrations must use officially supported APIs or provider-approved mechanisms.

User Flow

1. User enters pickup and drop-off locations
2. User selects ride category
3. System retrieves estimates from providers
4. Results are ranked and displayed
5. User selects a provider and is redirected to complete booking externally

Functional Requirements

- FR-1: Location autocomplete using Maps API
- FR-2: On-demand estimate retrieval via official APIs
- FR-3: Category normalization across providers
- FR-4: Price-based ranking with ETA secondary sort

FR-5: Provider redirection with prefilled trip details

Non-Functional Requirements

- p95 response time under 3 seconds - No provider credentials stored - Compliance with branding and ToS requirements - Clear pricing and booking disclaimers

Compliance & Legal Considerations

RideCompare functions strictly as a comparison and redirection platform. Final pricing, availability, and booking are handled exclusively by the selected provider. No transactions or ride confirmations occur within RideCompare.

Success Metrics

- Comparison accuracy within acceptable variance - Redirect click-through rate - Search-to-redirect conversion rate - Latency and uptime metrics

Future Enhancements

- Airport-only comparisons
- Flat-fare and corporate ride support
- Price alerts and saved routes
- Sustainability indicators