

Project Abstract

Ride Hailing Web Application

The Ride-hailing application concept revolves around a unique and community-focused approach to shared mobility. Unlike traditional ride-hailing services, this app allows private vehicle owners, including car and motorcycle users, to register and offer rides to others heading in the same direction. This feature enables users to utilise their vehicles more efficiently by providing rides to those who need them, fostering a sense of shared community transport. Riders can search for available lifts based on their destination and connect with drivers offering trips along the same route. Drivers earn a small payment for their service, covering fuel or maintenance costs without turning the ride into a full-fledged commercial service. This makes the platform an affordable and environmentally conscious option, encouraging vehicle-sharing over multiple one-person trips.

Safety is a primary focus, with the app implementing several measures to ensure rider and driver security. It includes a comprehensive vetting process for all drivers, user reviews and ratings, GPS tracking for every ride, and emergency contact options. Users can also view mutual connections or references within the community, making it easier to establish trust. The application supports transparent pricing, clear communication channels, and real-time notifications, ensuring that every ride is smooth and reliable. Through this model, the app not only offers a cost-effective transportation alternative but also reduces traffic congestion and emissions by promoting shared mobility. It's ideal for people who want a hassle-free, flexible transport option without the overhead of traditional ride-hailing services.