

WayGo is a unified transportation platform that connects users with diverse mobility services such as taxis, buses, service cars, and delivery solutions. The system is composed of three key components: a cross-platform mobile application for passengers and drivers, a web-based administrative dashboard for system stakeholders, and a robust backend architecture built on microservices.

The mobile app, developed using React Native and Expo, provides tailored interfaces for passengers and drivers. Passengers can book rides, reserve seats, plan trips, and communicate through in-app chat. Drivers benefit from tools for trip management, navigation, and multi-service earnings tracking.

The web application offers centralized control to administrators, transport officers, support staff, and service managers, supporting operational oversight, customer support, and analytics.

At the backend, modular microservices manage user authentication, ride booking logistics, and system interactions. Technologies such as Google Maps, Firebase, and others have been used. WayGo is a scalable, multilingual, and secure ecosystem that exemplifies the integration of modern development practices in addressing complex transportation challenges with a seamless user experience.