# USP for Showroom Panel & Driver App Development Solution:

Here’s a detailed features list for a vehicle service logistics platform designed for showrooms to book vehicle pick-up/drop and for drivers to receive and manage auto-assigned tasks based on real-time location.

## 🚗 Vehicle Pick-Up & Drop Service Platform A two-part system:

Showroom Web Panel (for booking vehicle Pick up & drop service) Driver App (for real-time auto-assignment and navigation)

## 🏢 1. Showroom Panel Features (Web) :

🔐 **Authentication & Dashboard**

Secure login for each showroom

Dashboard with real-time bookings, status, and analytics

## 📆 Booking Module :

Book pick-up/drop requests with:

Customer details (name, contact, address) Vehicle details (make, model, reg. number) Preferred date & time slot

Complete location details

## 📍 Live Driver Availability Map :

View nearby available drivers on map Auto Driver assigning (near by driver) Request based authentication for ride Live tracking of drivers

## 🔄 Real-time Booking Status Tracking :

Track request status: Assigned → Driver on the way → Picked up → Delivered Status timestamps & driver details shown

**🧾 Service History & Logs :** Complete booking history with: Booking ID

Driver assigned

Pickup & drop timestamps Location map

## 💬 Communication :

Call function with assigned driver

Option to notify customer about driver’s arrival with OTP service

## 🧾 Logs & Report Generation :

Auto-generated service details showroom wise Export booking logs in Excel/PDF Daily/weekly/monthly analytics reports

## 📢 Notification System :

Booking confirmation Driver assignment updates Delays or exception alerts

Live Location Details in admin panel

## 🚚 2. Driver App Features :

🔐 **Login & Verification**

OTP-based secure login

Profile verification with license & documents upload

## 📍 Real-time Auto-Assignment :

Driver receives nearest unassigned jobs based on location Accept/reject with time-based auto-accept fallback Optimized assignment with shortest ETA logic

## 🗺️ Ride Management :

View upcoming & active ride details Route navigation via Google Maps

OTP verification from customer at pick-up/drop

## 📷 Vehicle Handover Workflow :

Upload pickup/drop photos of vehicle condition Collect digital signature from customer

Photo upload via camera (optional)

## 🧾 Live Status Updates :

Start trip, reached location, pickup done, delivery done Trip time consumed

Geo-tagged time stamps for transparency

## 🧾 Daily Summary & History :

Trip logs with distance & time

Daily driver login with Face upload function Earnings summary (if per trip payment involved)

## 🔔 Push Notifications :

New Ride alert

Route with live tracking details Reminders and updates

## 🛡️ Safety & Compliance :

SOS button with admin alert Call to customer/showroom

Geo-fencing to ensure within service areas

## 🛠️ 3. Admin Panel :

📍 **1. Real-Time Driver Tracking :**

Live map view of all active drivers with location updates Driver status indicators (Available, On Trip, Idle, Offline) Search & filter by zone, time, vehicle type, or driver name

## 👨G 2. Driver Management :

Add, edit, and remove drivers

Document verification (License, ID, RC, etc.)

Driver profile with availability, and performance history Assign/unassign drivers manually & auto

## 📦 3. Booking/Task Management :

View all active, upcoming, and completed bookings Assign or reassign ride to drivers

Detailed view of each booking: customer, location, time, vehicle Status update controls (pickup, in-transit, delivered)

## 🧾 4. Route & Zone Management :

Monitor route deviations in real time Live route details used by driver Showroom-wise analytics

## 💰 5. Earnings & Trip Summary :

View driver-wise earnings summary Trip distance, time, and payment logs Apply bonuses or deductions manually

Export daily/weekly/monthly trip reports

## 📊 6. Dashboard & Analytics :

KPI Dashboard: Total trips, active drivers, delays, cancellations Heat maps of high-demand areas

Driver performance metrics (on-time %, success rate, idle time) Service quality trends and trip feedback

## 🔔 7. Notifications & Communication :

Send custom alerts to drivers (broadcast or individual) SMS notifications for delays, route changes, cancellations Driver-to-admin live tracking notification

## 🔐 8. Security & Compliance :

Drivers offline notification

SOS alert trigger & location tracking

Activity logs (login time, location, trip history) Driver KYC verification and background tracking

## 📑 9. Reports & Logs :

Driver-wise trip history

Booking failure and delay reports

Vehicle condition logs (if condition check is included) Exportable reports in Excel/PDF

## ⚙️ 10. Settings & Customization :

Define trip types (Pickup, Drop, Round-trip) Set assignment rules (manual, auto, hybrid)

Set peak hours, surge zones, driver payout slabs Payment gateway and tax settings

# Languages:

* + English.

# Features & Functions Module-wise details:

1. Admin Panel.
2. Live Dashboard.
3. Individual showroom panel
4. Driver login
5. Booking management for showroom
6. Pick Up & Drop Management.
7. Earning Management.
8. Live Tracking in Admin.
9. Database of clients & records.
10. User Management. (Role wise)
11. Event Display.
12. Master Panel.
13. Vehicle Photo Verification.
14. Report Analytics.
15. Transaction Data.
16. Unique & Interactive UI Design.
17. Summary Report.
18. Credit limit for Showroom.
19. Km range wise dynamic function.
20. Cloud-Based Server Solution.
21. Wallet Amount Bifurcation.
22. Real Time Collaboration of Data.
23. Enquiry Panel.
24. Wallet management.
25. What’s App Api Integartion.
26. Dynamic rate chart showroom wise.
27. Driver Auto assigning.
28. Payment Gateway Integration.
29. Testing.
30. Deployment.