Project Documentation

Limousine Company – Driver Reporting & ITC Trip Integration System**

1. Project Summary

The limousine company currently manages all daily operations—driver trips, personal bookings, expenses, and reports—using Excel. This approach is slow, inaccurate, and risky.
 One major issue is:
 When a driver takes a personal trip without reporting it to ITC (Integrated Transport Centre), the company receives heavy fines.

This system will replace Excel with a fully digital, automated, ITC-compliant platform.

The solution includes:

- Admin Panel

- Driver Portal

- ITC LES Integration Module

- Trip Management

- Expense Management

- Complete Reporting System

Deliverables

You will receive:

✔ Admin Panel (Owner Dashboard)

✔ Driver Portal (Web Login)

✔ ITC Integration Module

✔ Trip Management System

✔ Expense Management System

✔ Monthly Reporting Module

✔ Deployment + Documentation + Support

Key Modules & Features

A) Admin Panel (Owner Dashboard)

A secure dashboard for the company owner to manage all operations.

1. Driver Management

- Add / Edit / Delete drivers

- Store Emirates ID, License Number, and Permit details

- Verify driver using **ITC API (getDriverPermits)**

- Check if the driver is *eligible for trips*

- View driver status and validity

2. Vehicle Management

- Add / Edit / Delete vehicles

- Store permit details, plate number, plate code, and model

- Verify vehicle using **ITC API (getVehiclePermits)**

- Check if the vehicle is *eligible for trips*

3. Trip Management

- View all trips (company trips + personal trips)

- Filter trips by date, driver, or vehicle

- ITC Synchronization status (Success, Pending, Failed)

- View error messages if ITC rejects a trip

4. Expense Management

- Add fuel, maintenance, and service expenses

- Assign expenses to drivers or vehicles

- Track daily, monthly, and yearly expenses

5. Comprehensive Financial Reports

- Daily income report

- Monthly income report

- Driver income summary

- Company profit calculation

- Total revenue vs total expense

6. ITC Integration Logs

- Token Generation Logs

- Token Expiry Tracking

- Trip Sending Logs

- Failed Trip Logs with error messages

- Auto-retry mechanism for failed trips

Driver Portal (Simple and Easy)

Drivers get a clean, mobile-friendly login with limited access.

✔ Add New Trip (Very simple form)

Driver enters:

- Pickup time

- Pickup GPS location

- Drop-off GPS location

- Duration

- Distance

- Customer name (optional)

- Customer mobile (optional)

- Fare amount

- Payment type (Cash/Card)

✔ Automatic ITC Submission

Every trip is automatically sent to:

`saveTripDetails` API
 (Defined in the official ITC LES documentation)

This ensures:

- Compliance

- No fines

- Transparent reporting

✔ Driver Dashboard

- Weekly earnings

- Monthly earnings

- Total trips taken

- Expenses deducted

- Net amount payable

✔ Trip History Page

- Complete list of all trips

- ITC Status (Synced, Pending, Failed)

- Trip details with timestamps

Demo Panel Notice (For Client)

This demo is provided only to help you understand how the system will work.
 Please note that this is a **rental car system demo**, not the final limousine system you will receive.

Your actual limousine system will have many different and custom features based on your business requirements, including:

- Complete ITC LES integration

- Driver trip reporting

- Trip verification & compliance

- Expense management

- Advanced financial reports

- Custom dashboards for admin and drivers

- Automated background processes

- Company-specific customization

This demo is simply the closest example to show you the workflow, design, and functionality.
 Our software is already being used by a company in **Netherland**, which proves reliability and performance.

The final system delivered to you will be fully customized according to your operational needs and business rules.

Admin Panel	Driver Panel
https://carento.botble.com/admin Account: admin Password: 12345678	https://carento.botble.com/vendor/dashboard Email: vendor@botble.com Password: 12345678