

CLIB MVP – Developer Instruction Document

1. Project Overview

Build the MVP of **CLIB – Car List Inspected Buy**, a verified used car marketplace with four login roles:

1. **Admin**
2. **Seller**
3. **Buyer**
4. **Inspector**

Goal of MVP:

Allow sellers to list cars → assign inspectors → upload inspection report → buyers view the report → buyers contact seller.

2. Core MVP Features

A. Authentication

- Email / phone login
- Role selection at sign up (Seller / Buyer / Inspector)
- Admin is created manually in backend
- Forgot password feature

B. Seller Features

Seller must be able to:

1. Create profile (name, phone, location)
2. Add car listing:
 - Photos (min 8)
 - Make, Model, Year
 - Mileage
 - Condition
 - Price
 - Description
3. Pay listing fee (€30) via **Stripe**
4. Choose inspection date/time
5. View inspection status (Pending / Assigned / Completed)
6. Edit listing
7. Chat with buyers

C. Buyer Features

Buyer must be able to:

1. Browse all cars
2. Filter by:
 - Brand
 - Price
 - Mileage
 - Year
3. View full inspection report
4. Chat with seller
5. Save/Bookmark cars

IMPORTANT: Buyer must NOT schedule inspector.

D. Inspector Features

Inspector must be able to:

1. Receive assigned inspection job
2. View seller's address with Google Maps link
3. Accept or reject the job
4. Upload:
 - 8–12 car photos
 - Completed inspection checklist
 - Comments
5. Submit report
6. Mark job completed

MVP Requirement: Inspection report should auto-generate a **PDF** stored in the database.

E. Admin Panel Features

Admin must be able to:

1. Manage users (inspectors, sellers, buyers)
2. Assign inspection jobs to inspectors
3. Approve/reject inspection reports
4. Edit or remove car listings
5. Dashboard showing:
 - Total cars
 - Inspections
 - Revenue
 - Active users

3. Inspection Module Requirements

Developer must build:

- A digital checklist form (I will provide the checklist)
- Checklist auto-converted into PDF
- PDF attached to the car listing
- PDF downloadable by buyers

Checklist fields include:

- Exterior condition
- Interior condition
- Engine
- Electronics
- Tyres
- Documents

4. Chat Module

A simple **real-time chat** between Buyer ↔ Seller, Buyer ↔ Admin, Seller ↔ Admin, Inspector ↔ Admin.

5. Payments

Integrate **Stripe**, with 3 payment cases:

1. Seller → CLIB: €30 listing fee
2. CLIB → Inspector (not required in MVP)
3. Future dealer subscriptions (not required now)

6. Location & Mapping

Use **Google Maps API** for inspector navigation.

7. UX/UI Requirements

- Modern, clean, simple
- Blue/White CLIB theme
- Not overloaded
- Easy for sellers (quick listing)
- Easy for inspectors (big buttons, fast entry)