

# Garage Management System – Development Roadmap

For **workflow details and UI behavior**, refer to:

**GarageBox Reference System**

<https://secure.garagebox.io>

## Phase 1 — Garage Operations (Sellable MVP)

**Goal:** Allow garages to manage their daily operations.

This phase must be **stable and ready for selling**.

### Phase 1 Features

#### Dashboard

- Operational overview
- Work orders by status
- Today's appointments
- Active repairs
- Technician workload
- Revenue snapshot

#### Customers

- Individual customers
- Company customers
- Fleet customers
- Insurance customers
- Customer notes
- Customer service history

#### Vehicles

- Vehicle profile
- Plate number
- Make / model / year

- VIN
- Mileage tracking
- Vehicle service history

## **Services**

- Service groups
- Service catalog
- Service pricing
- Service duration

## **Parts & Inventory**

- Parts catalog
- SKU / barcode
- Stock tracking
- Inventory adjustments
- Low stock alerts

## **Suppliers**

- Supplier profiles
- Supplier contact details
- Supplier purchase history

## **Appointments**

- Appointment calendar
- Schedule service visits
- Assign technician
- Appointment status

## **Inspections**

- Vehicle inspection checklist
- Technician notes
- Inspection photos
- Inspection reports

## **Estimates**

- Create repair estimates
- Add services
- Add parts

- Estimate totals
- Estimate approval workflow

## **Job Cards (Work Orders)**

Core garage workflow.

Features:

- Create job cards
- Assign technician
- Add services & parts
- Track repair status
- Link to customer & vehicle
- Job status workflow

Statuses:

- Draft
- Check In
- In Progress
- On Hold
- Ready to Deliver
- Delivered
- Closed

## **Employees**

- Staff profiles
- Role assignment
- Technician identification

## **Technician Assignment**

- Assign technicians to job cards
- Technician workload tracking

## **Time Clock**

- Clock in / clock out
- Technician work hours
- Attendance tracking

## **Attachments**

- Upload images
- Upload documents
- Attach files to jobs and inspections

## **Roles & Permissions**

User access control.

Roles include:

- Admin
- Manager
- Service Advisor
- Technician

## **System Settings**

- Company information
- Currency
- Tax settings
- Email configuration

# **Phase 2 — Financial Management**

**Goal:** Turn the system into a **complete garage business tool**.

## **Phase 2 Features**

### **Invoices**

- Generate invoice from job card
- Invoice status tracking
- Tax calculation

### **Payments**

- Record payments
- Payment methods
- Payment references

## **Purchase Orders**

- Order parts from suppliers
- Purchase order tracking

## **Bills**

- Supplier invoices
- Bill payment tracking

## **Expenses**

Track operational costs:

- Rent
- Utilities
- Equipment

## **Vendor Credits**

Supplier refunds or adjustments.

## **Chart of Accounts**

Basic accounting structure.

## **Financial Reports**

- Revenue report
- Expense report
- Profit & loss
- Outstanding invoices

# **Phase 3 — HR & Payroll**

**Goal:** Manage garage employees and salaries.

## **Phase 3 Features**

### **Employee Profiles**

- Personal information

- Job position
- Employment status

### **Contracts**

- Employment contracts
- Document storage

### **Leave Management**

- Leave requests
- Leave approval
- Leave balance tracking

### **Attendance**

- Work hours tracking
- Absence tracking

### **Payroll**

- Salary structure
- Allowances
- Deductions
- Payslip generation

### **Payroll Reports**

- Salary reports
- Payroll history

## **Phase 4 — CRM (Customer Growth)**

**Goal:** Help garages grow their customer base.

### **Phase 4 Features**

#### **Leads**

- Lead management

- Lead source tracking
- Lead conversion

### **Calls**

- Call logs
- Call notes

### **Tasks**

- Task assignments
- Follow-up tracking

### **Customer Interaction History**

- Job history
- Calls
- Notes
- Payments

## **Phase 5 — Marketing & Automation**

**Goal:** Increase customer retention and automation.

### **Phase 5 Features**

#### **Service Reminders**

Automatic reminders for:

- Oil change
- Annual service
- Maintenance schedule

#### **Ratings & Reviews**

Customer feedback after service.

## **Notifications**

Send notifications via:

- SMS
- Email
- WhatsApp (optional)

## **Marketing Campaigns**

- Promotions
- Discounts
- Loyalty programs

# **System Requirement**

## **Multi-language Support**

The system must support multiple languages.

Initial languages:

- English
- Arabic

Requirements:

- Translation-based UI
- RTL support
- Multi-language notifications