

Custom Legal Practice Management System

End-to-End Case, Session, Client, Document, and Office Operations Platform

Role: Full-Stack Developer & Information Systems Designer

Client: Egyptian legal-services client

Delivery Type: Custom client project

Development Approach: Built from scratch

Technology: Custom PHP, HTML, CSS, JavaScript, SQL

Interface: Arabic RTL web application

Project Overview

A legal-services client required a centralized system to manage the daily operations of law offices without relying on disconnected spreadsheets, messaging applications, paper records, and generic administrative tools.

I designed and developed a custom legal practice management system from scratch using PHP and web technologies.

The platform brought together the main operational areas of a legal office, including:

- Lawyers and clients.
- Legal cases and powers of attorney.
- Court sessions and operational events.
- Documents and contracts.
- Tasks, messages, and notifications.
- Office expenses, payments, and financial records.
- User roles and granular permissions.
- Office profiles and configuration.

The screenshots in this document use demonstration data and do not expose real client or case information.

Operational Challenge

Legal-office information was distributed across different activities and users:

- Case information needed to remain linked to the relevant client and lawyer.
- Court sessions and deadlines required structured tracking.
- Different employees needed different system permissions.
- Documents, expenses, notes, and payments needed to remain connected to the correct case.
- Management needed a consolidated operational dashboard.
- The system had to support Arabic content and right-to-left workflows.
- The client required a tailored system rather than adapting its work to a generic product.

Solution Architecture

Law Office Users



Role-Based Access Control



Clients and Lawyers



Cases and Powers of Attorney



Sessions, Events, Tasks, and Documents



Payments, Expenses, and Notifications



Management Dashboard and Operational Follow-Up

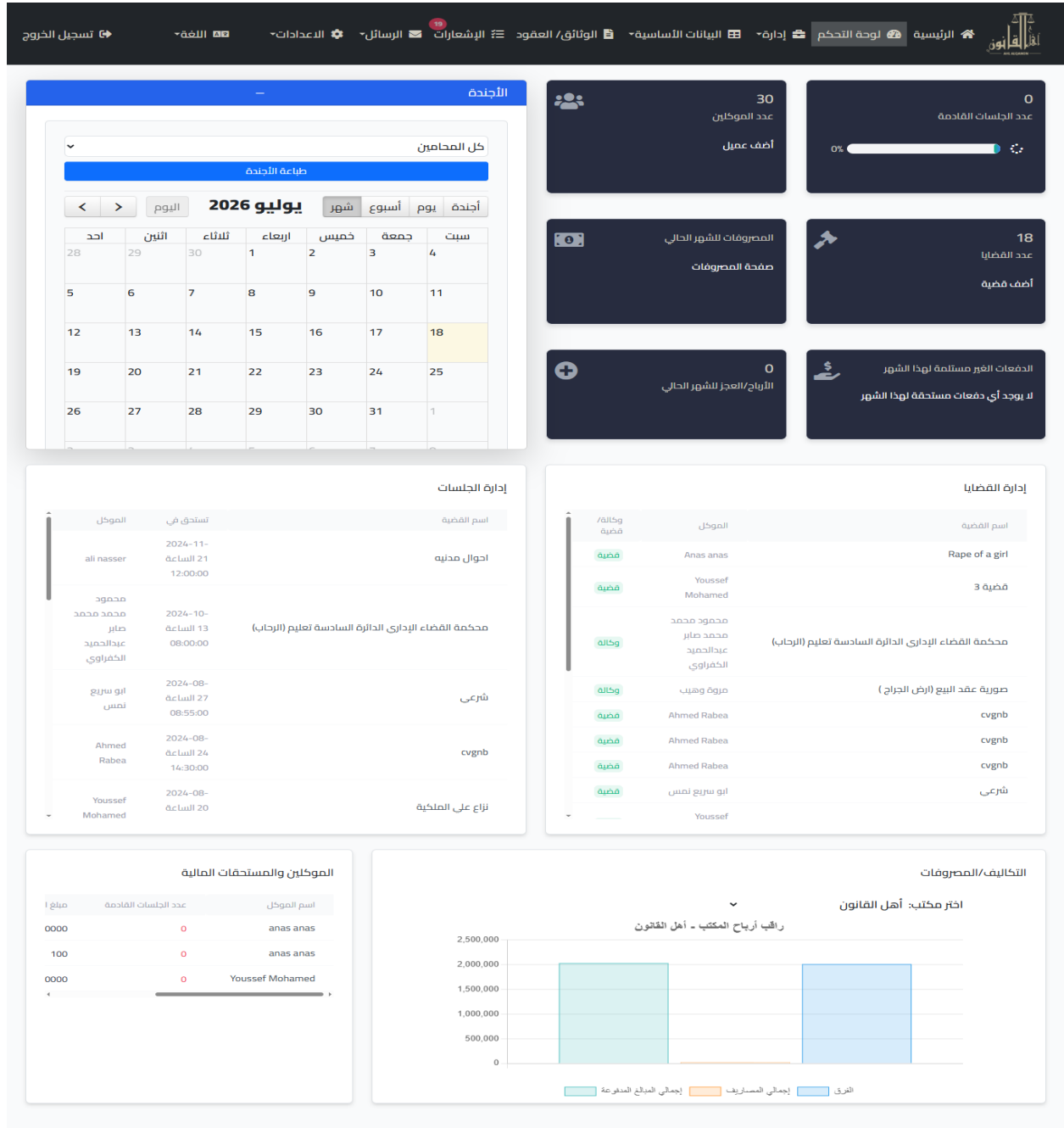
[IMAGE 1 — System Home and Modules]



Caption

Arabic RTL system home showing the main operational modules for lawyers, clients, cases, documents, tasks, messages, settings, and membership requests.

[IMAGE 2 — Operational Dashboard]



Caption

Consolidated dashboard presenting upcoming sessions, active cases, lawyers, clients, payments, expenses, and calendar-based operational information.

Core System Modules

The delivered platform included:

- Lawyer and client directories.
- Legal case registration and management.
- Power-of-attorney and representative information.
- Court and judicial-circuit records.
- Session scheduling and follow-up.
- Tasks and operational events.
- Documents, contracts, and attachments.
- Internal messages and notifications.
- Financial expenses and payment tracking.
- Office profile and configuration management.
- User, role, and permission administration.

From Fragmented Legal Records to a Structured Operational System

Legal Case Record

The case module centralizes information related to:

- Client and lawyer assignments.
- Case and power-of-attorney information.
- Court, judicial circuit, and judge details.
- Case classification and administrative references.
- Sessions.
- Expenses and payments.
- Attachments and notes.
- Related contracts and printable outputs.

[IMAGE 3 — Legal Case Record]

الرئيسيةلوحة التحكمإدارةالبيانات الأساسيةالوثائق/العقودالإشعارات19الرسائلالإعداداتاللغةتسجيل الخروج

الرجوعالرئيسية

محكمة القضاء الإداري الدائرة السادسة تعليم (الرحاب)

الجلساتالمصاريف / المدفوعاتالمرفقات / الملاحظات

القضية/الموكل

المكتب

أهل القانون

اسم الموكل

وكالة؟

نوع القضية

صورة هوية الموكل

اسم المحامي

أهل القانون

اسم الموكل

نوع القضية

صورة هوية الموكل

رقم ملف القضية

رقم الوكالة

الإداريين

نوع القضية

صورة هوية الموكل

اسم الموكل

أهل القانون

اسم الموكل

وكالة؟

نوع القضية

صورة هوية الموكل

اسم الموكل

أهل القانون

اسم الموكل

وكالة؟

نوع القضية

صورة هوية الموكل

المدعي/المدعى عليه

المدعي

اسم المحكمة

اسم القاضي

الخصم

اسم المحكمة

اسم القاضي

المدعي

اسم المحكمة

اسم القاضي

الخصم

اسم المحكمة

اسم القاضي

المزيد

معلومات الموكل

إضافة إداري

العقود

طباعة تقرير التكاليف والمصروفات

طباعة معلومات القضية

طباعة معلومات الموكل

حفظ التعديلات

حذف

Caption

Structured legal case record connecting the client, lawyer, court information, sessions, payments, attachments, and related operational details.

Court Session Management

Sessions are managed as structured records rather than unconnected calendar entries.

The system supports:

- Session number.
- Gregorian and Hijri dates.
- Session time.
- Assigned assisting lawyer.
- Notes.
- Addition, editing, and deletion of session records.

[IMAGE 4 — Court Session Management]

The screenshot displays the 'Court Session Management' interface. At the top, there is a dark navigation bar with various icons and labels in Arabic, including 'الرئيسية' (Home), 'لوحة التحكم' (Dashboard), 'إدارة' (Management), 'البيانات الأساسية' (Basic Data), 'الوثائق/العقود' (Documents/Contracts), 'الإشعارات' (Notifications), 'الرسائل' (Messages), 'الإعدادات' (Settings), 'اللغة' (Language), and 'تسجيل الخروج' (Logout). Below the navigation bar, there is a header area with 'الرجوع' (Return) and 'الرئيسية' (Home) buttons. The main content area is titled 'محكمة القضاء الإداري الدائرة السادسة تعليم (الرجاب)' (Administrative Court, Sixth District, Teaching (Al-Rajab)). It features a sidebar with 'الجلسات' (Sessions) and 'الملاحظات / الملاحظات' (Notes / Observations). The main form is titled 'الجلسات' (Sessions) and contains fields for 'رقم الجلسة' (Session Number) with value '1', 'المحامي المساعد' (Assisting Lawyer) with a dropdown menu, 'تاريخ الجلسة ميلادي' (Gregorian Session Date) with value '13/10/2024', 'تاريخ الجلسة هجري' (Hijri Session Date) with value '1446-04-10', 'ساعة الجلسة' (Session Time) with value '08:00 AM', and 'الملاحظات' (Notes) with a text area. A red 'حذف' (Delete) button is at the bottom of the form. At the bottom left, there is a button 'إضافة جلسة' (Add Session). At the bottom right, there are buttons 'حفظ التعديلات' (Save Changes) and 'حذف' (Delete).

Caption

Session-management interface supporting court-date registration, assigned staff, time, and session notes.

Timeline and Operational Events

The platform provides a timeline-style view of:

- Court sessions.
- Office activities.
- Client-related events.
- Date-based operational follow-up.
- Filtering and searching across scheduled items.

[IMAGE 5 — Sessions and Events Timeline]

The screenshot displays a web application interface for managing sessions and events. The top navigation bar contains various icons and links. Below the navigation bar, there is a search bar and a filter section. The main content area is divided into two columns: 'الأحداث' (Events) on the left and 'الجلسات' (Sessions) on the right. The 'الأحداث' column shows a timeline of events for July 2024, with entries for July 2, 7, 11, 12, and 21. Each entry includes a date, time, and a brief description of the event. The 'الجلسات' column shows a timeline of sessions for March 2023 and July 2024, with entries for March 19, July 1, 15, 29, and 31. Each session entry includes a date, time, session number, and details about the case and participants. The interface is designed to provide a clear and organized view of the schedule.

Caption

Timeline view combining court sessions and operational events with filtering, dates, assigned lawyers, and case references.

Role-Based Access Control

The system includes configurable roles and permissions rather than giving every user full administrative access.

Permissions can be assigned by page and operation, including:

- Read.
- Create.
- Update.
- Delete.

[IMAGE 6 — Roles and Permissions]

تسجيل الخروج

اللغة

الاعدادات

الرسائل

الإشعارات

الوثائق/ العقود

البيانات الأساسية

إدارة

لوحة التحكم

الرئيسية

أهل القانون

الأدوار

إدارة المستخدمين

الاسم

المكتب

أهل القانون

مدير مكتب

المهام

أختار المهامي

☒ دور افتراضي لإضافة مدير مكتب

☐ دور افتراضي لإضافة عميل

☐ دور افتراضي لإضافة محامي

☐ دور افتراضي لإضافة إداري

صلاحيات الصفحات

تحديد الكل

الصفحة	قراءة	تعديل	إنشاء	حذف
لوحة التحكم	☒			
القضايا	☒	☒	☒	☒
الجلسات	☒	☒	☒	☒
الأجندة	☒	☒	☒	☒
التحديثات	☒	☒	☒	☒
إضافة جلسة بتاريخ قديم		☒		
المصاريف	☒	☒	☒	☒
مصاريف الجلسات	☒	☒	☒	☒

حفظ

Caption

Granular access-control interface defining module-level read, create, update, and delete permissions for each role.

Configurable for Different Law Offices and User Structures

User and Role Administration

Administrators can create and manage different operational roles, such as:

- Administrator.
- Office manager.
- Lawyer.
- Advanced lawyer.
- Client or authorized representative.

The exact permissions can be customized according to the responsibilities of each role.

[IMAGE 7 — Roles Overview]



The screenshot shows a web application interface with a dark header containing navigation links. The main content area displays a table with the following data:

#	الاسم	عدد المستخدمين	المكتب	الاجراءات
1	إداري	1	أهل القانون	حذف
2	مدير مكتب	10	أهل القانون	حذف
3	محامي متقدم	0	أهل القانون	حذف
4	Admin	3	أهل القانون	حذف
5	موكل	27	أهل القانون	حذف
6	محامي	104	أهل القانون	حذف

At the bottom of the table, there are navigation buttons: "Previous", "1" (selected), and "Next".

Caption

Role-management interface showing different user categories and the number of assigned users.

Office Profile and Configuration

The system supports office-specific information, including:

- Office name and branding.
- Contact details.
- Address and geographic coordinates.
- Social-media links.
- Logos and header images.
- QR information.
- Public office description and profile content.

[IMAGE 8 — Office Profile and Settings]

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الرئيسيةرجوع

صورة الهيدر

إضافة صورة

اللوغو

تعديل صفحة تعريفية

المكتب

المستشار مكتب1

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وصف مختصر

شركة "وقتك للتحويل الرقمي" تمتلك تاريخاً طويلاً في تقديم الخدمات الرقمية منذ عام 2006 تحت اسم "شركة الحبيب". أعادت إطلاق نفسها في عام 2012 بنفس الاسم، واستمرت في تقديم خدمات عالية الجودة. في عام 2017، أعادت تسمية

QR

نبذة

حلول رقمية متكاملة للمحامين المتميزين مرحباً بكم في عائلة أهل القانون! نقدم دعماً قوياً للمحامين الذين يطمحون للتميز من خلال سوفت وير متقدم يوفر لك الأدوات اللازمة لمتابعة المواعيد، وإدارة الوثائق، وتحليل البيانات. تحكم كامل بأعمالك القانونية بكفاءة ودقة عالية من خلال سوفت وير يناسب متطلبات مكاتب المحاماة المتنوعة. احصل على صفحة ويب احترافية مع أهل القانون بسعر مميز لمحامين النقاية، وانضم إلى نخبة المحامين واستفد من خدماتنا المتقدمة لتعزيز تواجدك الرقمي.

تحديث

Caption

Configurable office-profile interface for branding, contact information, location, public description, and digital communication channels.

My Role

I completed the system's end-to-end design and development, including:

- Understanding the client's legal-office workflow.
- Translating operational requirements into system modules.

- Database and relational data design.
- Custom PHP backend development.
- HTML, CSS, and JavaScript interface development.
- Arabic RTL interface implementation.
- Legal case and session workflows.
- Client and lawyer management.
- Role-based access-control design.
- Documents, messages, notifications, and task modules.
- Financial tracking interfaces.
- Dashboard and reporting components.
- Testing and local deployment preparation.

Operational Value

The system was designed to:

- Centralize legal-office information.
- Connect clients, lawyers, cases, and sessions.
- Improve visibility of upcoming court obligations.
- Reduce dependency on disconnected files and informal records.
- Restrict access according to staff responsibilities.
- Organize case-related documents and financial information.
- Provide management with a consolidated operational view.
- Adapt to the specific workflow of the client rather than forcing a generic process.

No unsupported claims about revenue, user adoption, or quantified time savings are made.

Evidence Clarification

This was a real custom project delivered for an Egyptian client.

The platform was built from scratch using custom PHP and frontend technologies.

The screenshots shown here use demonstration records. Visible counts, names, financial values, and case information are illustrative and must not be treated as verified production metrics.

Reusable Professional Claim

Designed and developed a custom Arabic legal practice management system from scratch using PHP and web technologies, centralizing clients, lawyers, legal cases, court sessions, documents, tasks, payments, notifications, and granular role-based permissions within one operational platform.