

SELECTED WORK PORTFOLIO

ANAS AL-NAJJAR

Information Systems & Field Data Operations Specialist

Designing practical information systems around real workflows - from discovery and requirements analysis to implementation, automation, user adoption, reporting, and operational support.

PORTFOLIO SCOPE

Implemented information systems, field-data automation, operational reporting, product prototypes, and commercial service design.

10,409 child records supported	~40 case managers trained and supported	~3,000 records processed through automation
4 implemented operational case studies	2 functional product prototypes	1 commercial field-intelligence initiative

Core Focus

Information systems design • Workflow analysis • ERPNext/Frappe • KoBoToolbox • Python automation • Data quality • Reporting and dashboards • Field data operations

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Professional Profile

A workflow-first approach to information systems and data operations

I translate real organizational and field workflows into practical systems, automation tools, reporting processes, and structured data operations. My strongest value is not one technology; it is the ability to connect discovery, design, implementation, training, maintenance, and continuous improvement.

Understand the operation Review current forms, reports, recurring errors, roles, and decision needs.	Design the right structure Translate requirements into workflows, data models, permissions, validation, and reporting.
Implement and connect Build or customize the system, automate repetitive work, and integrate tools and APIs.	Train and support adoption Prepare users, solve deployment issues, document workflows, and support daily operations.
Improve from evidence Use recurring errors, reporting gaps, and user feedback to improve validation and features.	Protect continuity Maintain backups, archiving, documentation, and handover for operational stability.

Relevant markets

- Humanitarian and development organizations.
- Consulting and market-research firms.
- Health and social-service organizations.
- Organizations with distributed teams or field operations.
- Businesses requiring customized internal information systems.

DELIVERY MODEL

I lead projects directly and can assemble developers, field teams, data processors, or operational support when broader execution capacity is required.

Portfolio Map

Each project is labeled by its real status to keep claims precise and credible

#	Selected work	Verified status	Evidence / scope
01	Frappe/ERPNext Case Management System	Implemented operational system	10,409 child records; ~40 case managers
02	KoBo Data Automation Suite	Implemented automation workflows	~3,000 historical records
03	Case Manager Reporting & Training Operations	Implemented historical operations	40 case managers; 5 supervisors
04	Custom Legal Practice Management System	Real custom client project	Arabic RTL operations platform
05	BKhidmetak AI Service Directory	Functional prototype	AI, maps, web, Telegram
06	Masar Digital Support Platform	Functional prototype / pre-validation	Personalized family support workflows
07	More Clarity Field Intelligence	Commercial initiative	Service design and proposal-stage scope

Status key

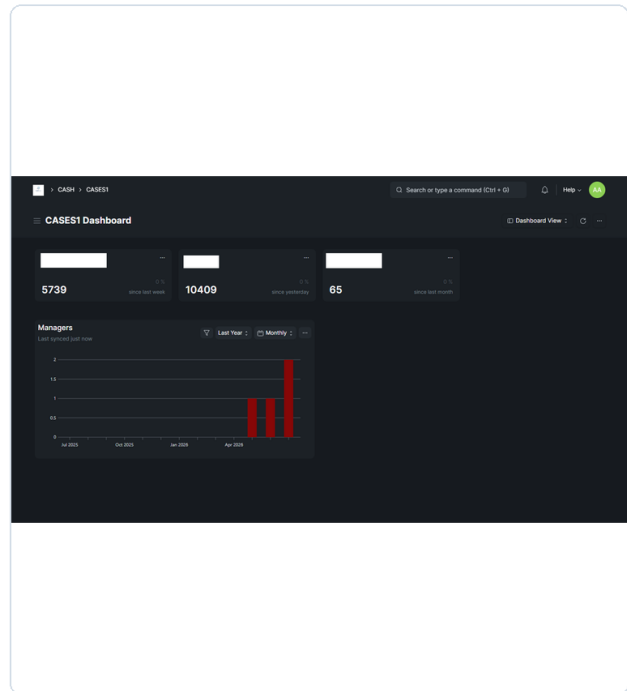
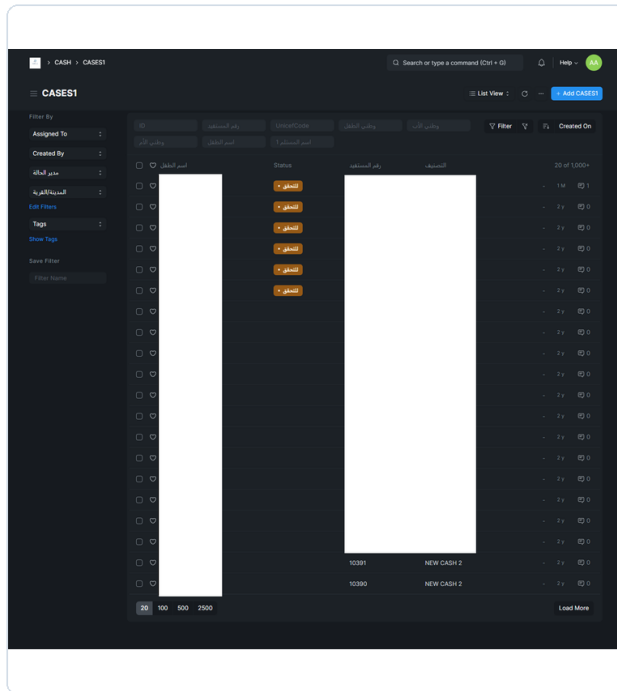
Implemented Used in real operational work; evidence and historical context are available.	Real client project Delivered for a real client; screenshots may use demonstration records.
Functional prototype A working product build demonstrating capability, not market traction.	Commercial initiative A structured offer and scope; not described as a contracted company or completed project.

IMPLEMENTED OPERATIONAL SYSTEM

01 Custom Case Management Information System

Frappe/ERPNext solution for humanitarian field operations

ROLE Information Systems Designer, Developer & Implementation Lead	STATUS Implemented	STACK Frappe / ERPNext / local deployment
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Centralized records and management dashboard. Sensitive information is masked.

Context and scale

A humanitarian health organization required a centralized platform for managing complex child and household cases. Information was distributed across KoBoToolbox, Excel files, and a slow legacy application.

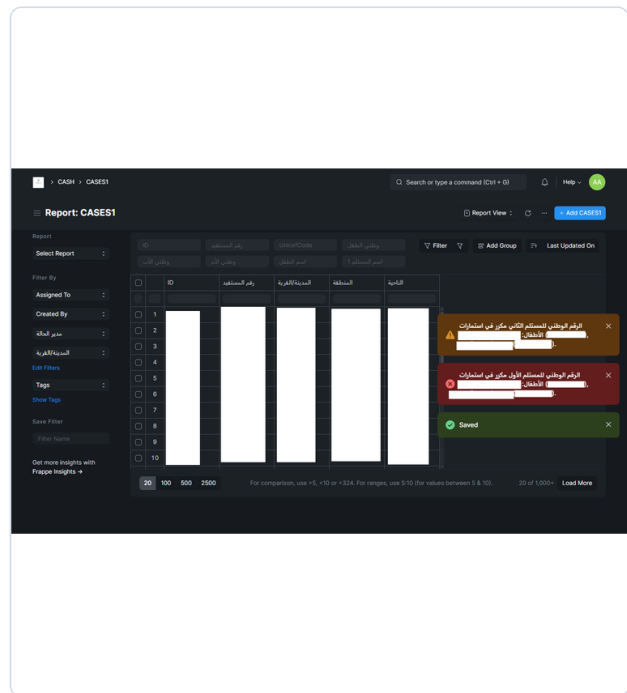
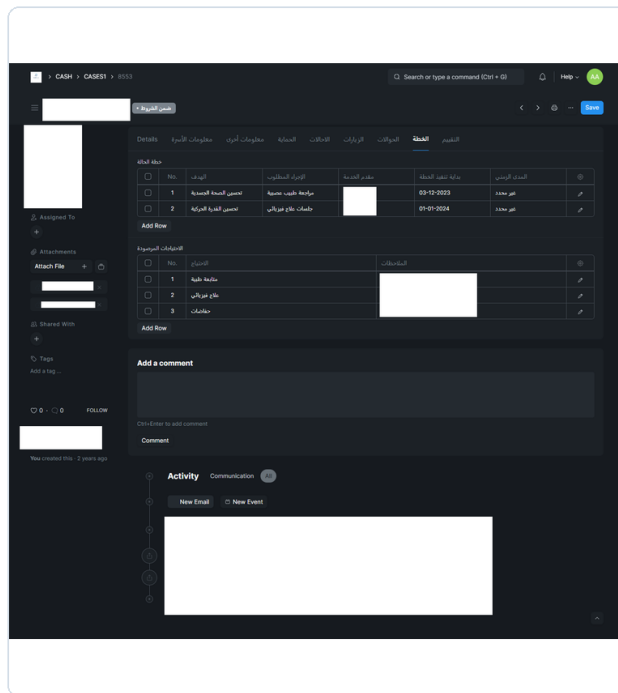
10,409 child records	~40 case managers	Local server deployment
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IMPLEMENTED OPERATIONAL SYSTEM

01 Workflow, implementation, and operational value

A system designed around real case-management work

Core workflow Registration, assessments, case plans, interventions, visits, referrals, services, documents, and reporting.	Controls Role-based permissions, validation rules, duplicate alerts, case assignment, and activity history.
Deployment Local server operation because of connectivity limits; fixed server IP and organized device identifiers.	Continuity Training, troubleshooting, maintenance, backups, archiving, and iterative improvement.



Case-level information and reporting views adapted to operational requirements.

OPERATIONAL VALUE

Centralized case information, connected operational activities, organized supporting documents, strengthened validation, and provided management with searchable reports and dashboards.

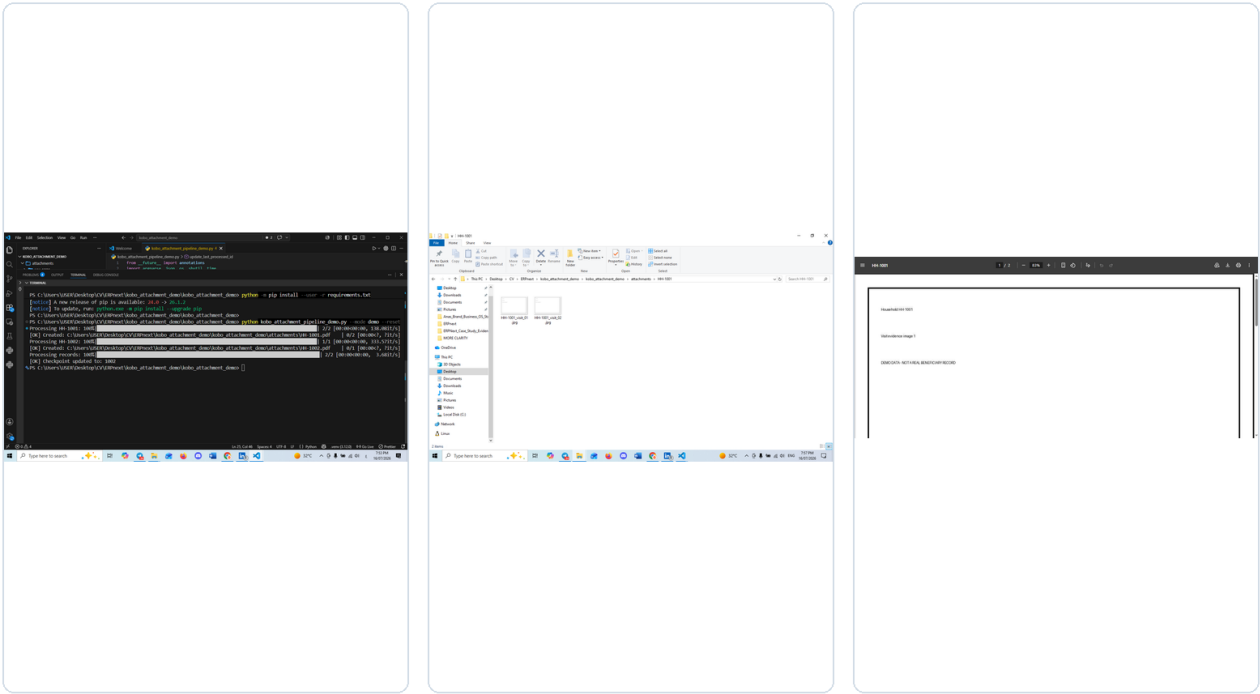
Accuracy note: 10,409 refers to child records, not families or a percentage improvement.

IMPLEMENTED AUTOMATION WORKFLOWS

02 KoBo Data Automation Suite

Synchronization, validation, documentation, and reporting

ROLE	STATUS	STACK
Python Automation Developer & Information Management Specialist	Implemented	Python / PHP / KoBo API / Excel / Telegram / SQL / PDF



Incremental processing, organized attachments, and consolidated case documentation.

Operational challenge

Field-data operations created recurring manual work around KoBo submissions, Excel updates, attachments, validation reviews, reporting, and documentation.

~3,000 historical records processed	Incremental checkpoint-based processing	Multi-channel PDF, Telegram, and email
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IMPLEMENTED AUTOMATION WORKFLOWS

02 Connected automation layers

Reducing repetitive work while preserving traceability

Attachment processing

Retrieve new submissions, organize files by identifier, consolidate images into PDFs, and save checkpoints.

Bulk validation

Apply required statuses in batches and produce clear success and failure reports.

Excel change tracking

Match submissions to existing records, compare values, preserve history, and identify unmatched cases.

Reporting and notifications

Generate daily and monthly summaries, count staff activity, and deliver role-based reports.

Case Code	Field	Old Value	New Value	Submission ID	Submission Time
1	CASE-1002 Recipient Name	XXXXXXXXXX	XXXXXXXXXX	2002-2024-07-18T10:15:00Z	
2	CASE-1002 Recipient ID	Demo Recipient B	Demo Recipient B Updated	2002-2024-07-18T10:20:00Z	
3	CASE-1002 Recipient ID	XXXXXXXXXX	XXXXXXXXXX	2002-2024-07-18T10:20:00Z	
4	CASE-1002 Recipient ID	XXXXXXXXXX	XXXXXXXXXX	2002-2024-07-18T10:20:00Z	
5	CASE-1002 Education Status	Out of School	Returned to School	2002-2024-07-18T10:20:00Z	
6	CASE-1002 Validation Status	pending	approved	2002-2024-07-18T10:20:00Z	

Submission ID	desired_status	result
2002	approved	Success: Simulated status update completed
2002	pending	Success: Simulated status update completed
2002	approved	Success: Simulated status update completed
2002	approved	Failed: Missing submission_id
2002	approved	Failed: Missing or unsupported desired_status

Audit outputs showing field changes, submission references, validation results, and clear error explanations.

EVIDENCE NOTE

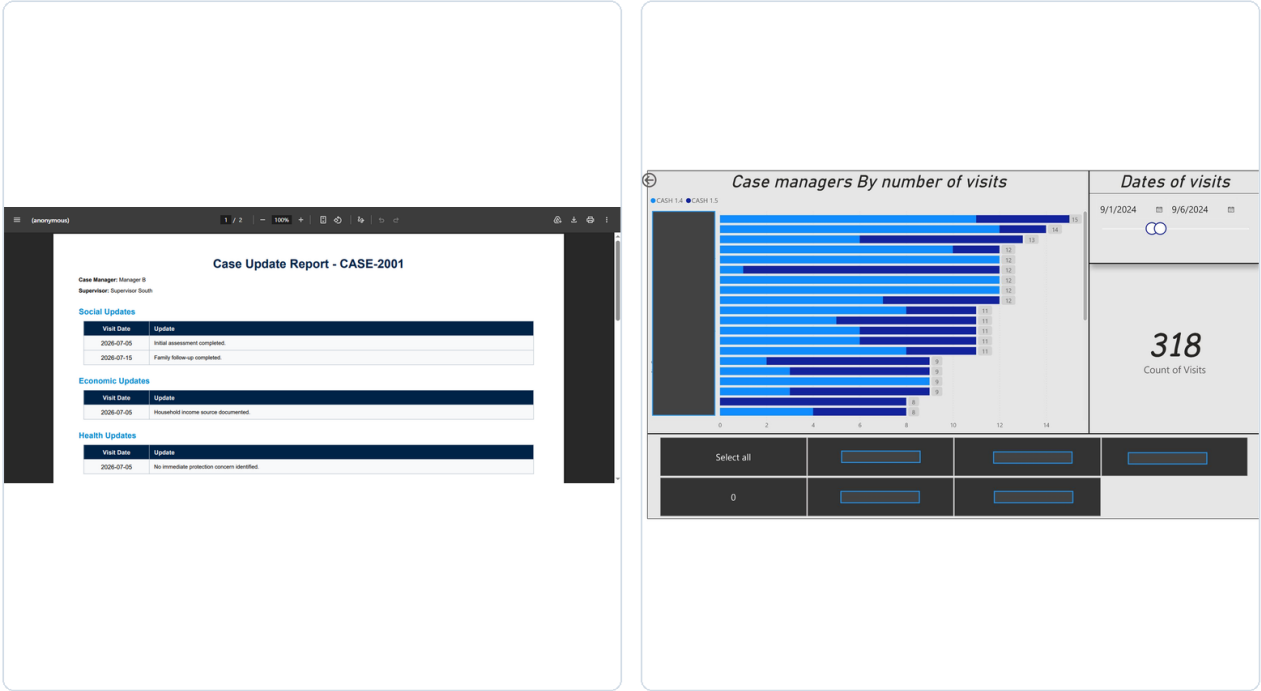
Screenshots are reconstructed offline demonstrations using synthetic data. They preserve the original workflow logic without exposing production credentials or beneficiary information.

IMPLEMENTED HISTORICAL OPERATIONS

03 Case Manager Reporting & Training Operations

Structured training, automated case reports, and performance visibility

ROLE Information Management Specialist, Training Designer & Python Automation Developer	STATUS Implemented historical operations	STACK Python / Excel / PDF / Power BI
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Case-level reporting workflow and staff-performance visibility.

Combined operational approach

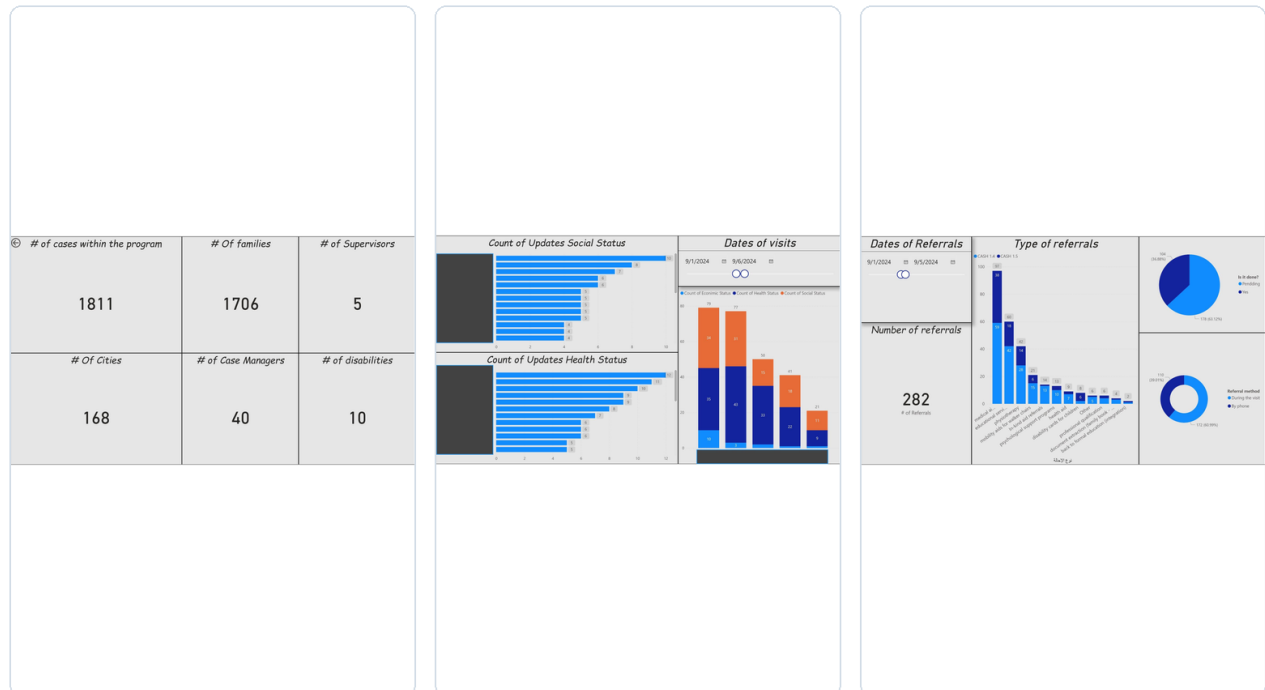
- Case-manager training and reporting standardization.
- Python-based generation of individualized case reports.
- Management summaries and team-level performance visibility.
- Historical Power BI dashboards for visits, updates, workload, and referrals.

IMPLEMENTED HISTORICAL OPERATIONS

03 Evidence, team context, and value

Connecting staff capacity with practical reporting tools

1,811 historical cases	1,706 historical families	40 case managers
5 supervisors	3 days intensive training	Historical not current platform data



Historical operational evidence covering volume, visits, workload, updates, and referrals.

TRAINING IMPACT

A pre/post approach was used to compare reporting quality and adherence to guidance. Improvement was observed, but no percentage is published without a verified supporting file.

REAL CUSTOM CLIENT PROJECT

04 Custom Legal Practice Management System

End-to-end legal case and office operations platform

ROLE

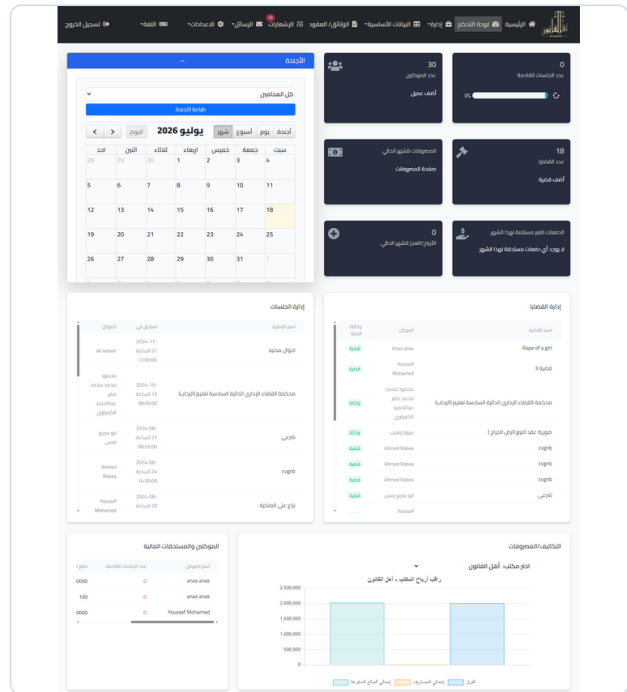
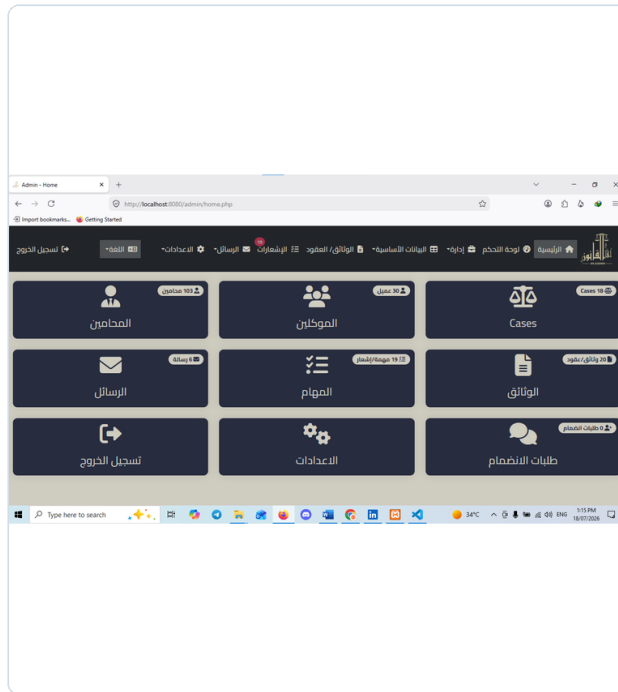
Full-Stack Developer & Information Systems Designer

STATUS

Delivered for an Egyptian legal-services client

STACK

Native PHP / HTML / CSS / JavaScript / SQL / Arabic RTL



Dashboard and operational views for legal-office management.

System scope

- Lawyers, clients, legal cases, and powers of attorney.
- Court sessions, judicial circuits, documents, contracts, and attachments.
- Tasks, messages, notifications, expenses, payments, and financial records.
- Management dashboard, calendar, user roles, and granular permissions.

REAL CUSTOM CLIENT PROJECT

04 From workflow discovery to a complete custom system

Built from scratch around the client's operating model

Requirements

Understood the legal-office workflow and translated it into connected modules.

Data design

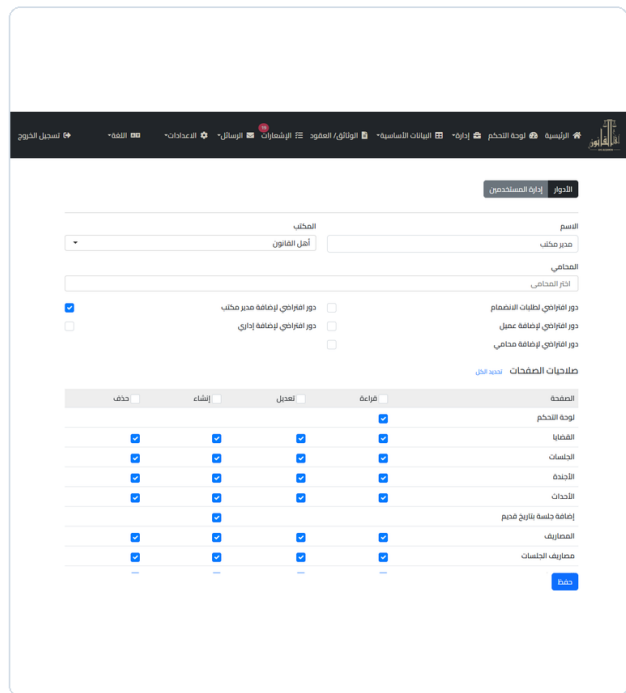
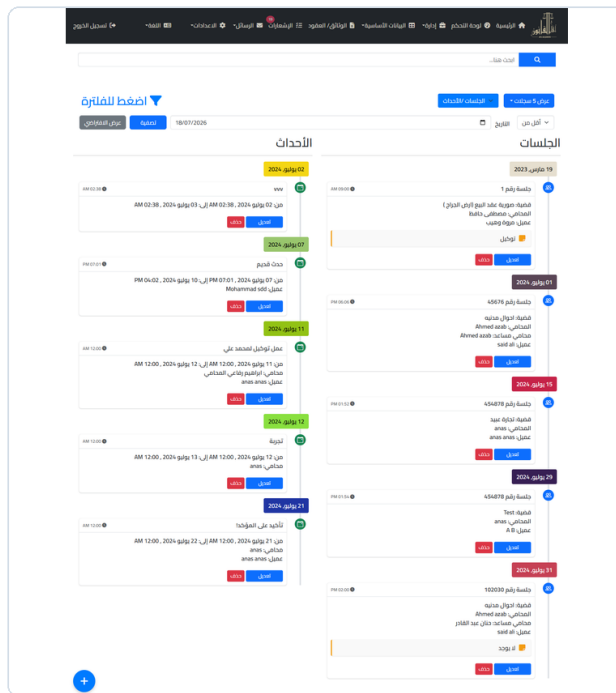
Designed the relational database and linked clients, lawyers, cases, sessions, documents, and finances.

Interface

Implemented an Arabic right-to-left web application for daily administrative use.

Access control

Designed role-based permissions for read, create, update, and delete operations.



Operational status views and granular permission configuration.

EVIDENCE NOTE

This was a real custom project. Screenshots use demonstration records; visible names, counts, financial values, and case details are illustrative rather than verified production metrics.

FOUNDER, PRODUCT & COMMERCIAL INITIATIVES

Building, testing, and refining ideas beyond client delivery.

These initiatives demonstrate product discovery, information architecture, AI integration, multi-channel access, user-journey design, service packaging, and commercial validation. They are presented by their real status - not as proven businesses unless evidence supports that claim.

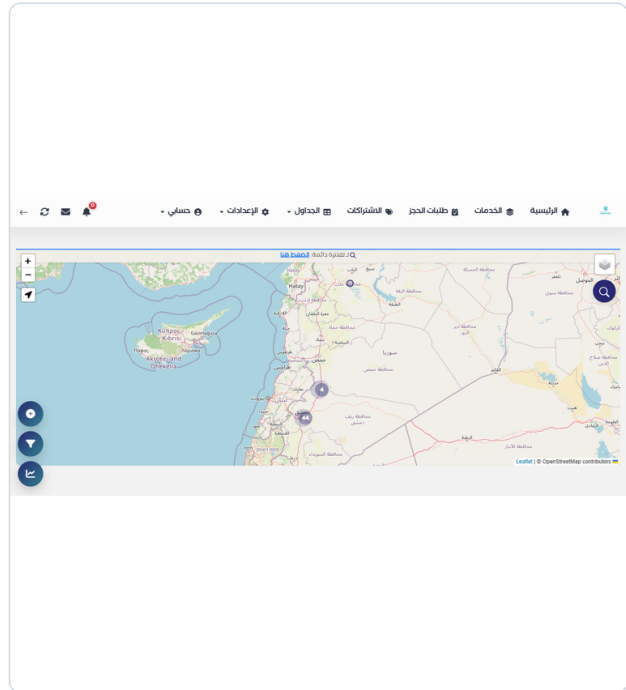
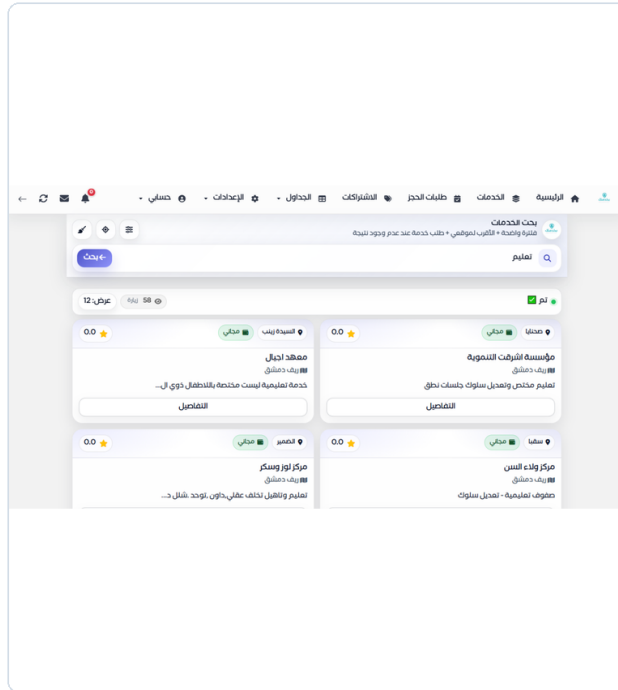
BKhidmetak Functional AI-assisted service-directory prototype with maps, provider workflows, and Telegram access.	Masar Functional personalized support prototype for families of children with developmental, learning, and disability-related needs.
More Clarity Commercial field-intelligence and data-delivery initiative with a defined method, outputs, and proposal-stage scope.	Truthful positioning Product and commercial evidence without claims of traction, adoption, revenue, or completed scopes that have not occurred.

FUNCTIONAL PRODUCT PROTOTYPE

05 BKhidmetak AI Service Directory

AI-assisted community-service discovery and information management

ROLE Product Concept, System Design & Development	STATUS Functional prototype	STACK Native PHP / MySQL / Bootstrap / jQuery / AI API / Telegram
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Service discovery interface and interactive location-based search.

Product challenge

Community and humanitarian services may exist, but their information is fragmented, inconsistent, difficult to maintain, and hard for users to understand.

PRODUCT PRINCIPLE

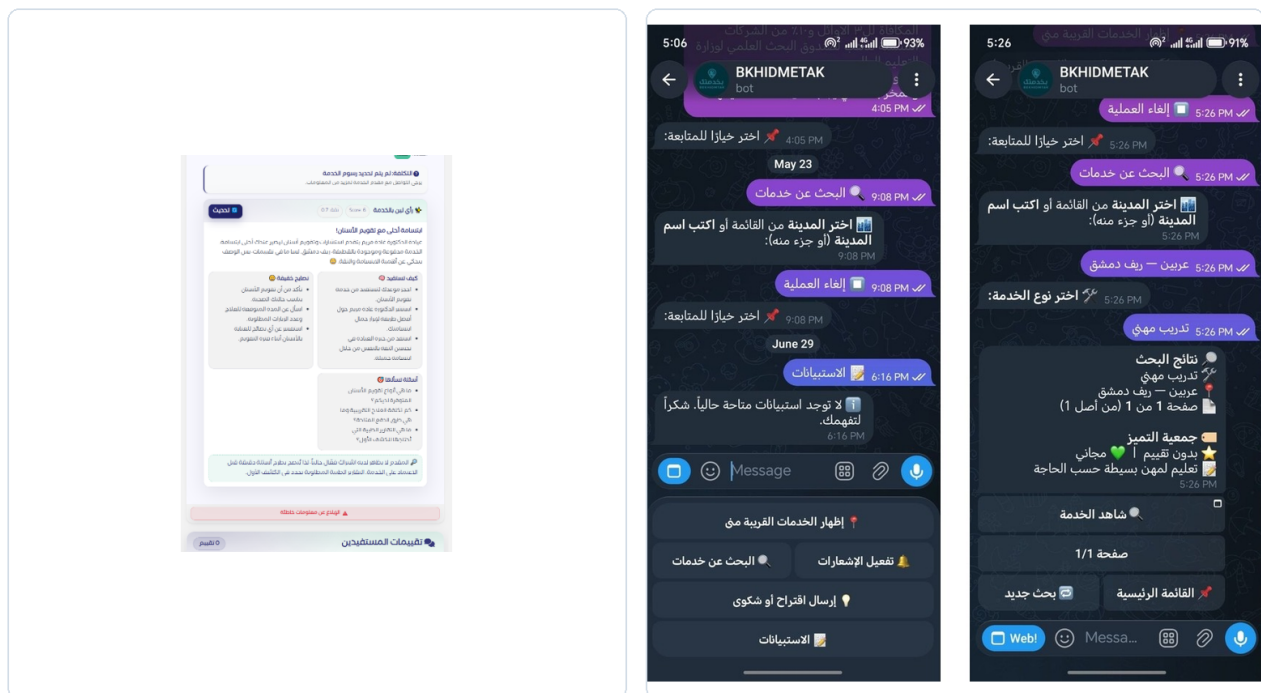
A service directory is useful only when information is structured, understandable, accessible through familiar channels, and maintainable over time.

FUNCTIONAL PRODUCT PROTOTYPE

05 Information workflow, AI layer, and access channels

More than a directory interface

Provider workflow Submit structured information, improve wording, publish, maintain, and monitor service information.	AI assistance Simplify descriptions for users, improve provider submissions, and strengthen public-facing profiles.
Discovery Search by category and location; explore services through interactive mapping.	Multi-channel access Use the web platform or Telegram bot to search and access service information.



AI-assisted service presentation and Telegram-based access.

CURRENT STATUS

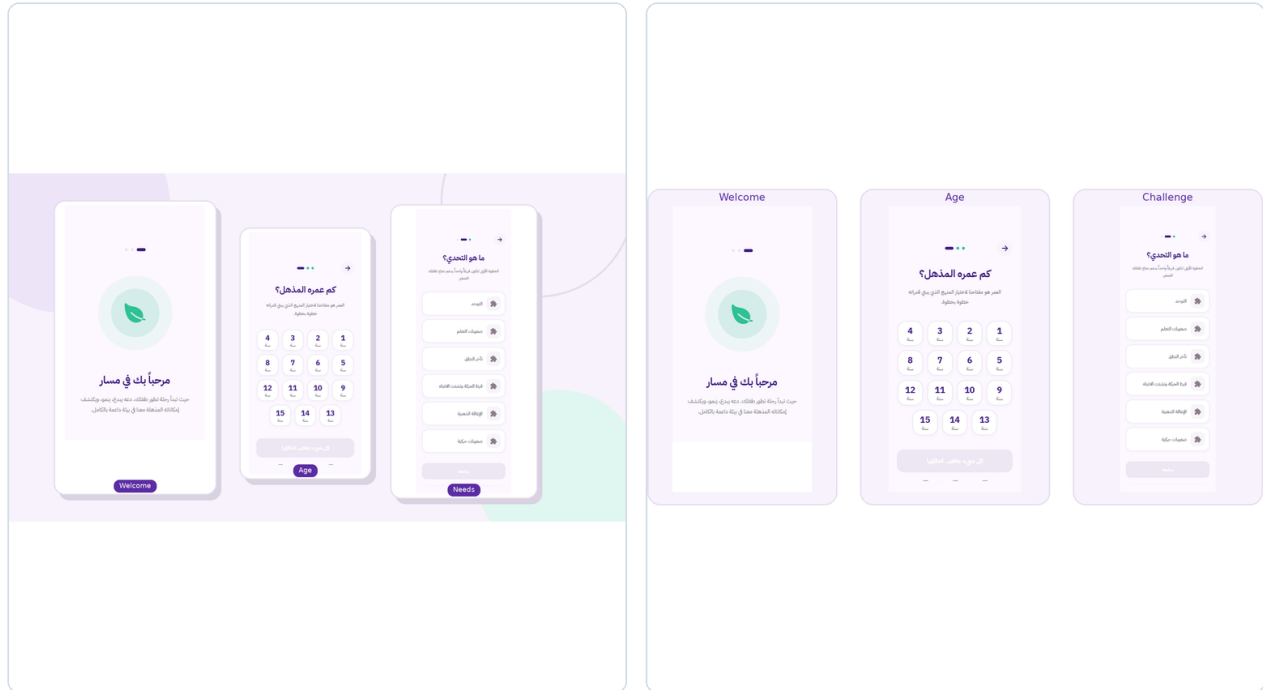
A functional prototype demonstrating information-system design, AI-assisted content workflows, maps, analytics, and channel testing. It is not presented as a commercially adopted platform.

FUNCTIONAL PRODUCT PROTOTYPE

06 Masar Digital Support Platform

Personalized support for families of children with developmental, learning, and disability-related needs

ROLE Product Concept, System Design, Full-Stack Delivery	STATUS Functional prototype / pre-validation	STACK Expo client / Express API / Node.js 22.x / MySQL / EAS
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Personalized onboarding based on the child's age and primary challenge.

Product direction

Masar evolved from a broad support idea into a more personalized family journey combining structured onboarding, focused communities, AI-assisted guidance, and educational workflows.

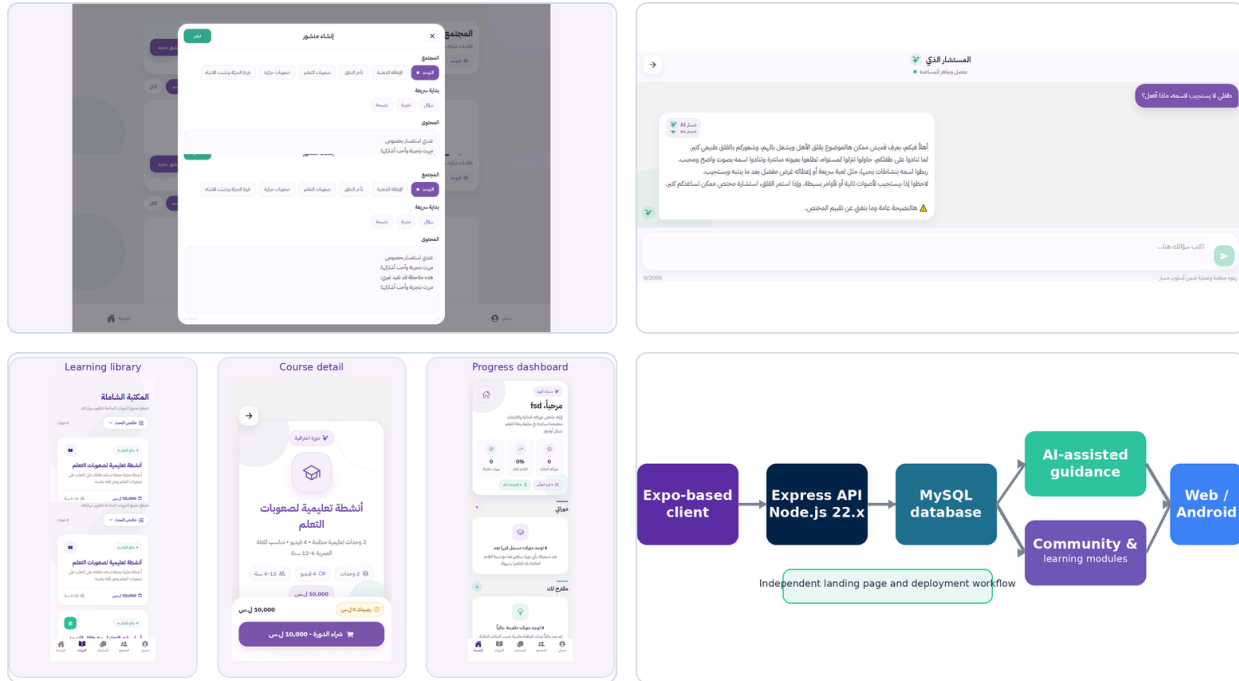
CORE DESIGN DECISION

Personalization begins with the child's age and challenge, then shapes the community, guidance, and learning path.

FUNCTIONAL PRODUCT PROTOTYPE

06 Community, responsible AI, and learning workflows

A clearer information architecture for family participation



Structured community participation, AI-assisted guidance, course discovery, and progress-oriented workflows.

CURRENT STATUS

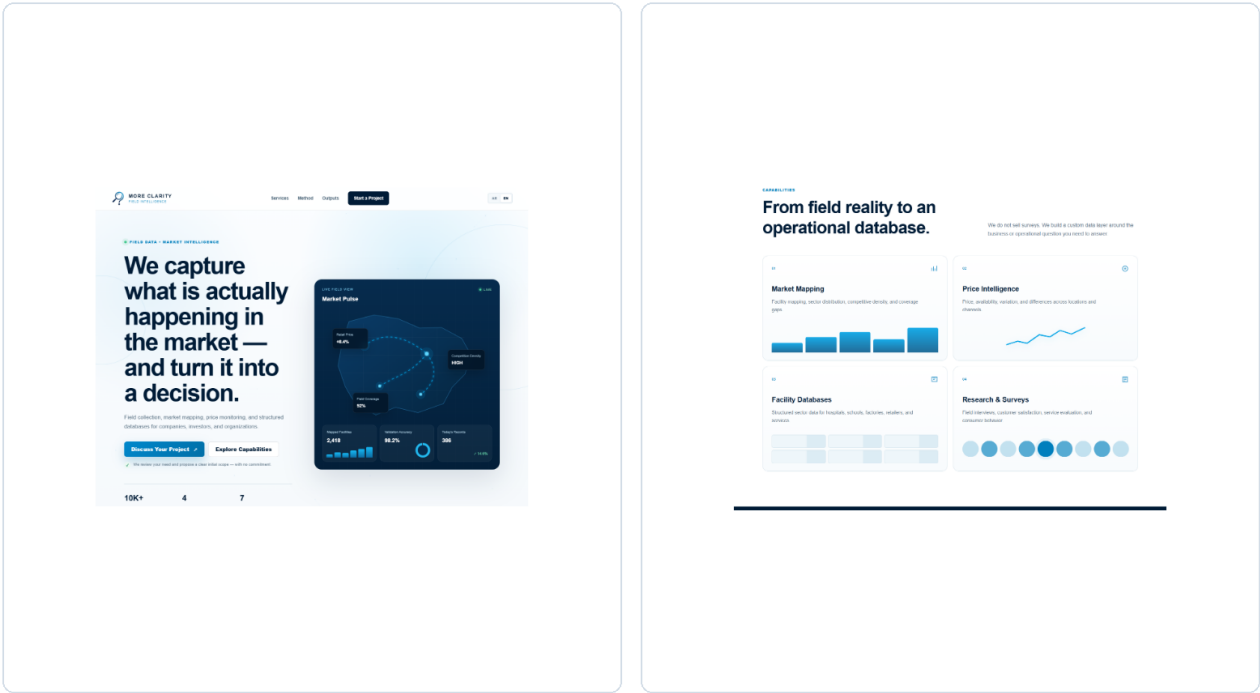
A functional prototype and pre-validation product. No claims are made regarding active users, specialist adoption, course sales, or market traction.

COMMERCIAL INITIATIVE

07 More Clarity Field Intelligence & Data Delivery

Turning field questions into structured datasets and decision-ready outputs

ROLE Commercial Positioning, Service Design & Project Scope Development	STATUS Commercial initiative / proposal-stage	STACK Field collection / market mapping / data quality / dashboards
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Field-intelligence positioning and selected capability areas.

Commercial direction

More Clarity is a commercial execution initiative for field intelligence and data delivery. It packages Anas's capabilities in field-data collection, market mapping, facility databases, research, validation, and structured delivery.

BRAND ROLE

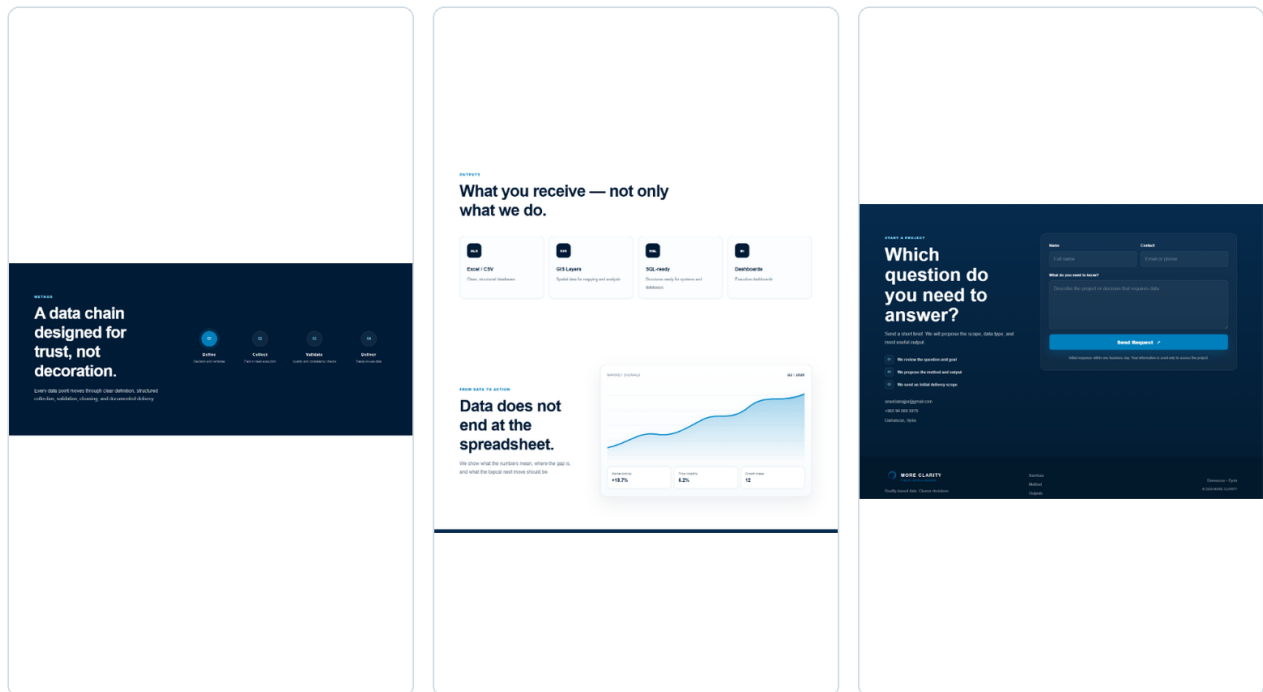
More Clarity is an optional commercial and execution umbrella. Anas remains the primary trust, acquisition, and delivery brand.

COMMERCIAL INITIATIVE

07 Method, outputs, and illustrative scope

A controlled data chain designed for trust

Define Clarify the decision, coverage, required fields, geography, and acceptance criteria.	Collect Design the tool, prepare the team, collect field or desk-based data, and document sources.
Validate Apply completeness checks, duplicate controls, consistency rules, spot checks, and supervisor review.	Deliver Provide clean datasets, GIS layers, SQL-ready structures, quality reports, briefs, and optional dashboards.



Method, deliverables, and project-scope presentation from the public service concept.

ILLUSTRATIVE PROJECT SCOPE

A prepared Damascus hospital-database proposal covered public and private hospitals, field verification, structured facility data, quality controls, CSV/Google Sheets outputs, and optional dashboard delivery over an estimated 10-15 working days. It is a proposal, not a claim of completed implementation.

How I Support Organizations

Three practical entry points

Customized information systems Workflow discovery, requirements analysis, data-model design, ERPNext/Frappe customization, custom web systems, permissions, validation, deployment, training, maintenance, and backups.	End-to-end field data projects Research and questionnaire requirements, KoBo forms, field-team preparation, fieldwork coordination, data quality, cleaning, validation, reporting, dashboards, and structured final delivery.
Automation and reporting KoBo API synchronization, Excel and database processing, change tracking, attachment organization, PDF generation, validation workflows, notifications, and dashboards.	Workflow audit and paid pilot A smaller entry engagement to map the operation, identify gaps, and prototype the highest-value workflow before full implementation.

Engagement model

- Projects are personally led from workflow discovery through delivery.
- Scope, deliverables, responsibilities, timeline, and payment terms are defined before implementation.
- Additional developers, enumerators, data collectors, or operational team members can be assembled when required.
- Detailed case studies, technical documentation, and sanitized evidence are available upon request.

VALUE PROMISE

I do not sell a tool in isolation. I reduce operational disorder and turn it into a working information process that teams can use and management can rely on.

[START A CONVERSATION](#)

What operational question do you need to answer?

Share the current workflow, the people involved, the tools already in use, and the output you need. The first step is to clarify the problem and define a practical scope.

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Website

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DETAILED MATERIAL AVAILABLE

ERPNext case study • KoBo automation case study • Case-manager reporting and training study • Legal system study • BKhidmetak product study • Masar product study • More Clarity service portfolio

Anas Al-Najjar

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