

TEAM SITARA



REMEP



UNIVERSITY OF GÖTTINGEN

Gatekeeping the **Gateway**: AI-Powered Admissibility Validation at the ECtHR

Presenting the Fair Trial Readiness Tool (FTRT)

The Access to Justice Crisis

157,000+

Applications rejected (2021–2025)

85%

Cumulative inadmissibility rate

27,488

Rejections by a Single-Judge with no explanation in 2025 alone

Applications vs Inadmissible (in thousands)



The Root Cause: Rule 47

Strict Requirements

Rule 47 establishes inflexible, formal requirements governing the admissibility of cases.

74 Mandatory Fields

Applicants face a complex, self-contained 13-page application form.

Zero Tolerance

A single mistake—such as a missing date or unclear remedy—means the application is not registered.

The 4-Month Clock

An incomplete form does not pause the strict submission deadline. There are no second chances.



13-Page Form

74 Fields of Potential Failure

The Impact on NGOs

NGOs are the vital bridge to the ECtHR for vulnerable applicants, but they face systemic barriers.



Vital Bridge

NGO caseworkers carry the burden of translating complex human rights violations into strict formal procedures.



Extreme Pressure

Caseworkers operate under severe resource constraints and the unforgiving pressure-cooker of the 4-month deadline.



Knowledge Gap

High risk of procedural errors. NGOs don't need tools that replace lawyers; they need a reliable, automated safety net.

Our Solution: **The Fair Trial Readiness Tool**



AI-Assisted Checker

A sophisticated pre-submission compliance engine powered by deterministic AI.



Designed for Caseworkers

Built specifically around the workflows and pressure points of NGO legal teams.



Pre-Flight Safety Net

Systematically identifies procedural gaps before the application ever reaches Strasbourg.



The Pre-Flight Checklist

Automated Rule 47 validation to ensure your case gets heard on its merits, not dismissed on technicalities.

Core Innovation: Field-Specific Prompting

✗ General LLM / RAG

Why standard approaches fail for Rule 47:

General LLMs provide broad, generic, and legally unreliable advice unsuitable for strict forms.

Standard RAG introduces latency and relevance noise across complex, unstructured legal documents.

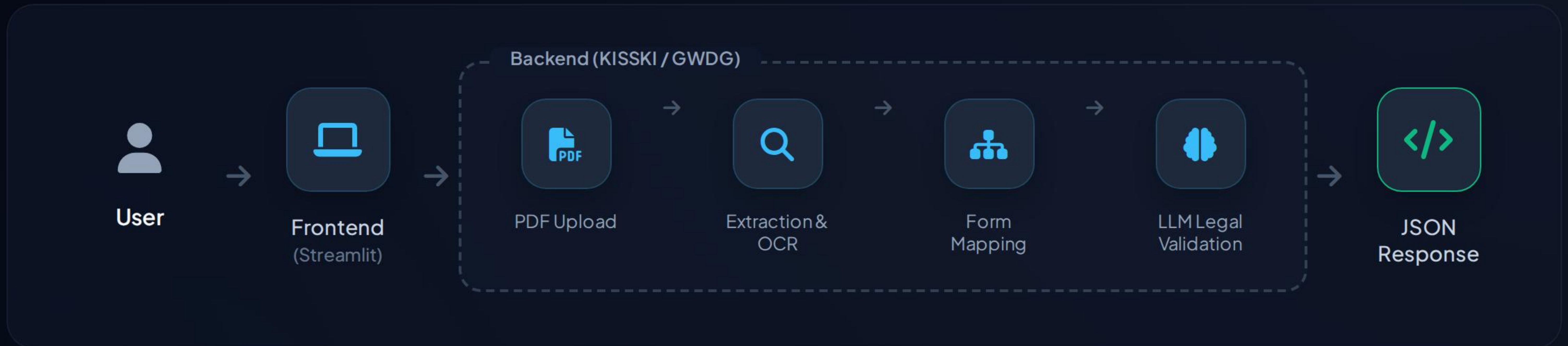
✓ FTRT Approach

Field-Specific Legal Prompting:

Deterministic Validation: Strict, field-by-field analysis matching the exact structure of the form.

74 Curated Prompts: Expert legal rules mapped exactly to the 74 fields. The AI reads it just like a Registry Clerk.

System Architecture



Ethical AI: **Human-in-the-Loop (HITL)**

THE RISK

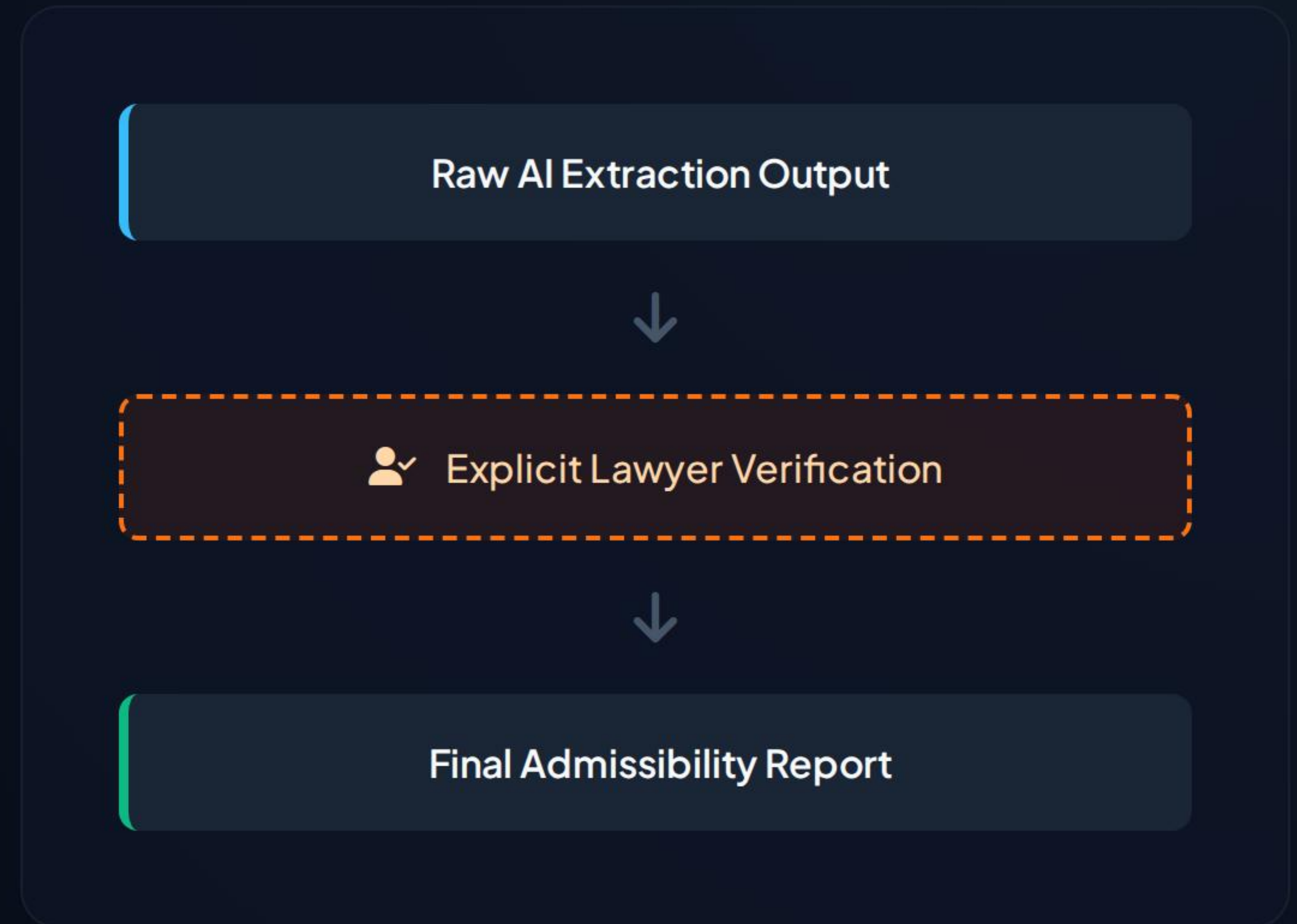
Automation Bias in high-pressure NGO environments. Fatigued lawyers might blindly trust AI outputs without verification.

THE SOLUTION

A mandatory **Human-in-the-Loop (HITL)** Architecture built into the core user experience.

MECHANISM

The interface requires users to explicitly verify the extracted 'Given Value' before proceeding. This acts as a **Cognitive Forcing Function**.



Technical Demo: The Interface



Browser-Based UI

Clean, accessible interface built with Streamlit.



Zero Friction

Requires absolutely no technical expertise from the caseworker.



Secure Upload

Simply upload the completed ECtHR PDF and click 'Analyse'.

The screenshot shows a web application window titled "European court of human rights application". The interface is clean and modern, with a dark background. It features a title, a description, an upload section, and an analysis button.

European court of human rights application

This tool analyses European Court of Human Rights (ECHR) application

Upload ECHR application PDF

 printed_form.pdf 
7.3MB

Analyse Application

Technical Demo: Validation Output



Section Breakdown

Generates a detailed, field-by-field validation report instantly.



Error Flagging

Immediately highlights missing information, critical dates, and ambiguous remedies.



Actionable Insights

Explains specific Rule 47 requirements and suggests corrections before the deadline expires.



Field: Address

GIVEN VALUE:

St. Ni..., building ..., apartment N..., 0000,
Tbilisi, Georgia

CORRECTED/SUGGESTED:

N/A

Issue: The address is incomplete and does not provide a full postal address.

Summary: The address must be a full postal address separate from any lawyer's address.

Field: Telephone

GIVEN VALUE:

+995 512 34 56 78

CORRECTED/SUGGESTED:

+995 512 34 56 78

Issue: None

Technical Demo: Structured JSON



Machine-Readable

The backend generates structured JSON, not just free-form text.



Seamless Integration

Enables effortless future integration with existing NGO Case Management Systems.

```
{
  "success_response_json": {
    "A. Applicant": {
      "A.1 Individual": {
        "Surname": {
          "given_value": "D",
          "corrected_value": null,
          "problem_in_given_value": "The surname is incomplete...",
          "verification_summary": "Must be a full family name..."
        },
        "Date of birth": {
          "given_value": "1)/2/1/2/1/9) 8/9",
          "problem_in_given_value": "Format incorrect"
        }
      }
    }
  }
}
```

Results & Evaluation



Evaluated using synthetic data based on real-world, anonymized NGO caseloads.



Reliable Detection

Successfully identifies missing procedural details, applicant information, and critical formatting errors.



Substantive Analysis

Accurately identifies procedurally weak Article 6 complaints before they are formalized.



Remedy Verification

Systematically checks the clarity and completeness of domestic remedy exhaustion.

Scope & Limitations

Technical Limitations

Dependent on the quality of the scanned PDF and OCR extraction.

LLM assessments are inherently probabilistic, requiring human oversight.

Strict Scope

-  Does **NOT** provide legal advice.
-  Does **NOT** predict admissibility with certainty.
-  Does **NOT** replace professional legal judgment.

Future Roadmap & Open Source

Next Steps



Multilingual Support

Scaling to handle diverse European jurisdictions and languages.



Workflow Integration

Direct API integration into existing NGO Case Management Systems.



Empirical Validation

Conducting large-scale testing with active partner organizations.

100% Open Source

Our entire codebase, extraction logic, and legal prompts are released under the MIT License to democratize legal tech.



Thank You.

Augmenting legal expertise with AI to preserve the right of individual petition.



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Questions?