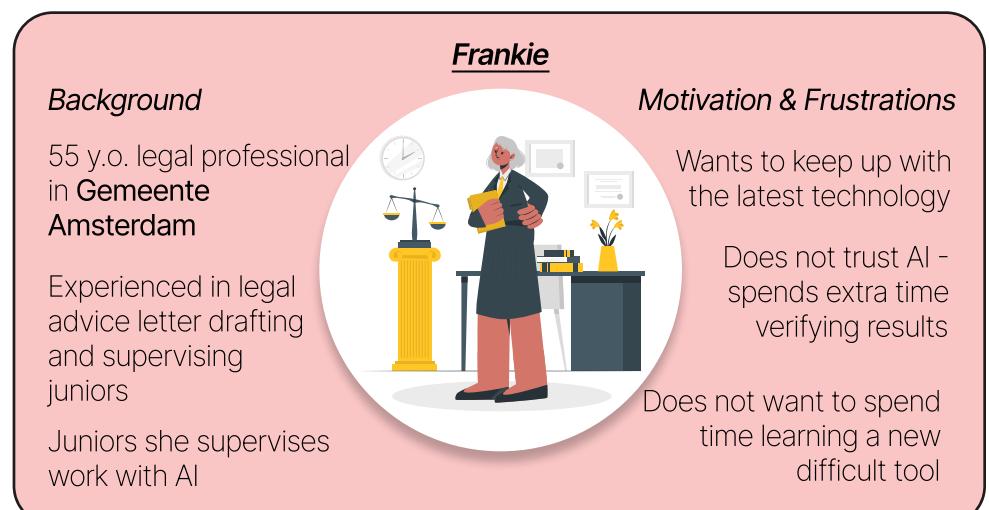
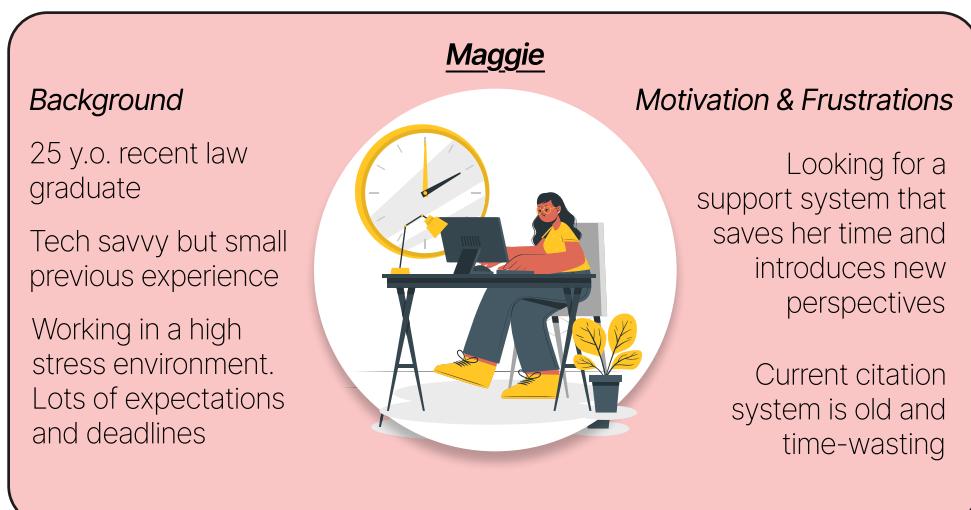


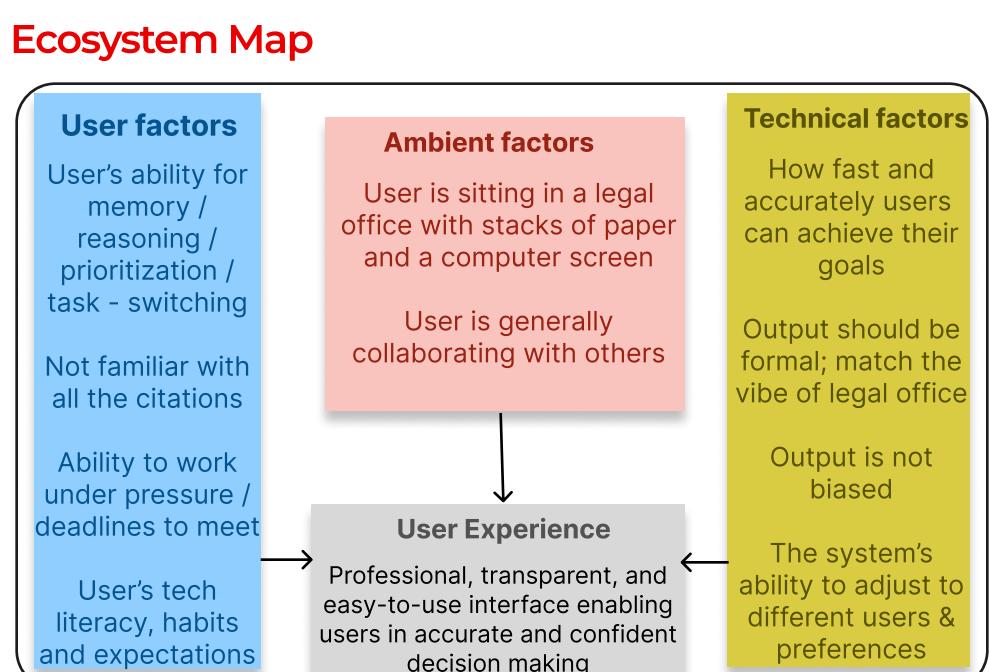
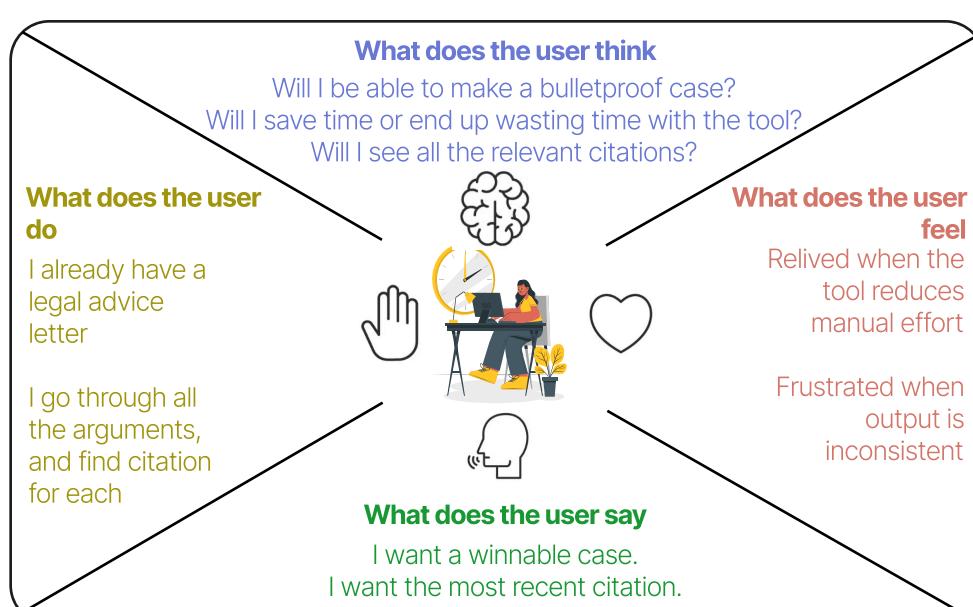
## Abstract

Municipal legal advisors must cite relevant ECLI cases when drafting legal advice letters, but due to poor metadata, inconsistent key-wording, and limited search functions, retrieving the right case is slow and frustrating. We focus on Dutch ECLI cases where the municipality is a party. We apply a RAG-based solution to improve ECLI retrieval during drafting, reducing the average time needed to identify a relevant ECLI citation by at least 30% while maintaining or improving perceived relevance in a user evaluation.

## Persona



## Empathy Map



## Terminology

European Case Law Identifier (ECLI): uniform identifier for judicial decisions

Legal Advice Letter: provides concise and practical advice, addressing immediate concerns and guides the client into making informed decisions

## Data

Dataset	Size	Scope	Key Fields
Advice letters	567	Bicycle-towing objections	letter_id, zaaktype, onderwerp, dictum, anonymized_text, unique_words, cited_ecli
ECLI cases	2,447	Dutch court rulings	ecli, land, rechtbank, jaar, code, full_text, length

## Key Design Features

### Core App Features and Evaluation

- RAG-based citation suggestions with: **summary · verdict · law · date · link · relevance score**
- Sorted results with recommended co-cited cases
- Import & export**: upload draft letter, add citations, download updated version
- Built-in **chatbot** for follow-up questions or research
- Evaluation**: Accuracy checking tool for user-selected citations

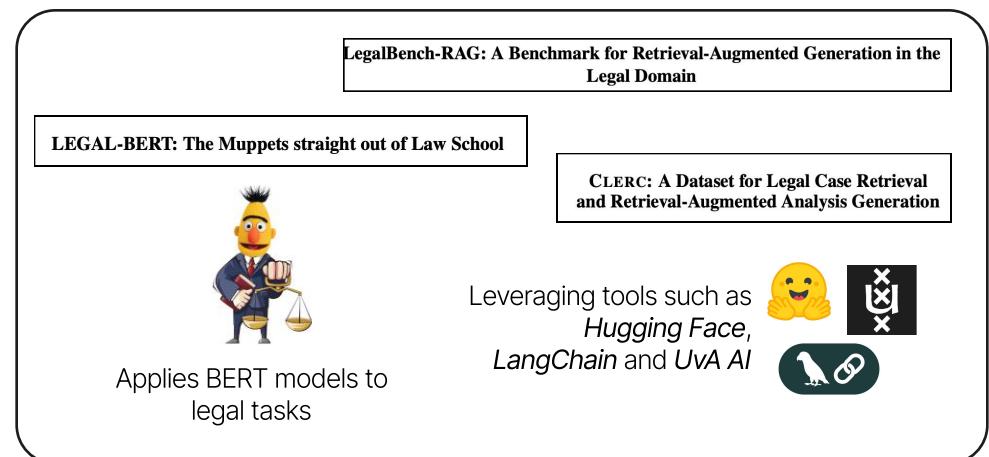
### Personalisation

- User can manually mark **missing** relevant citations
- User has a **personal library** of recent / frequently used ECLI for quick **reuse**

### Usability

- Accessible UI**: colour contrast, light/dark mode, keyboard shortcuts
- Help / guidance buttons for onboarding and **support**

## Research



## Concept model sketch



## References

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