

### Problem Statement

- ✗ Lawyers must cite relevant **ECLI case law** in **legal advice letters**.
- ✗ **Inconsistent metadata** and **keywords** weaken search quality.
- ✗ Existing tools make finding the right cases **slow** and **frustrating**.

### Persona

#### Maggie

##### Background

25 y.o. recent law graduate  
Tech savvy but small previous experience  
Working in a high stress environment.  
Lots of expectations and deadlines



##### Motivation & Frustrations

Looking for a support system that saves her time and introduces new perspectives  
Current citation system is old and time-wasting

### Solution



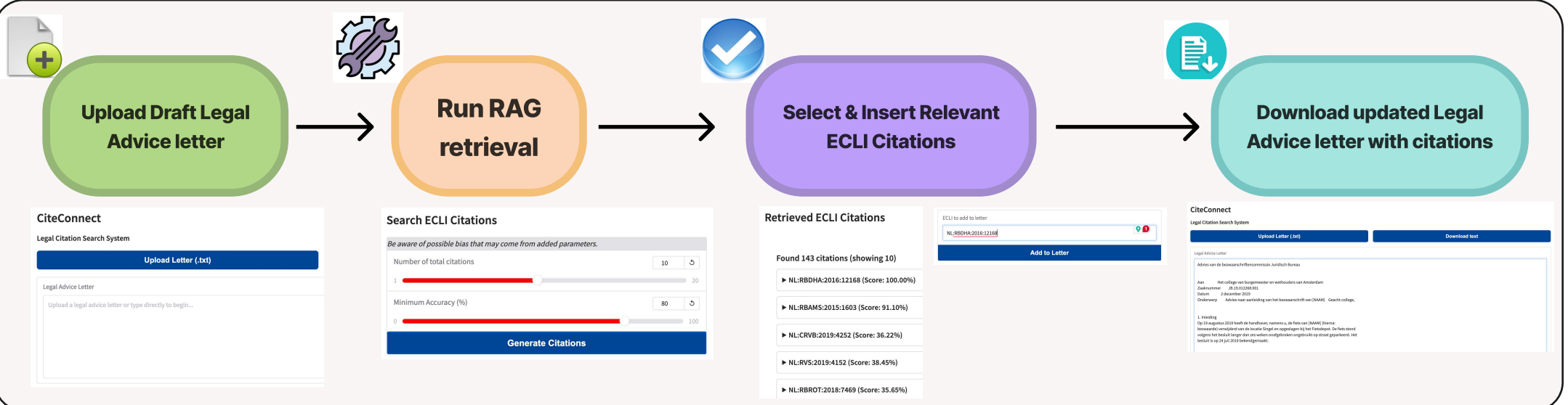
### Terminology

**European Case Law Identifier (ECLI):** uniform identifier for judicial decisions  
**Legal Advice Letter:** provides concise, practical guidance to support informed decisions.

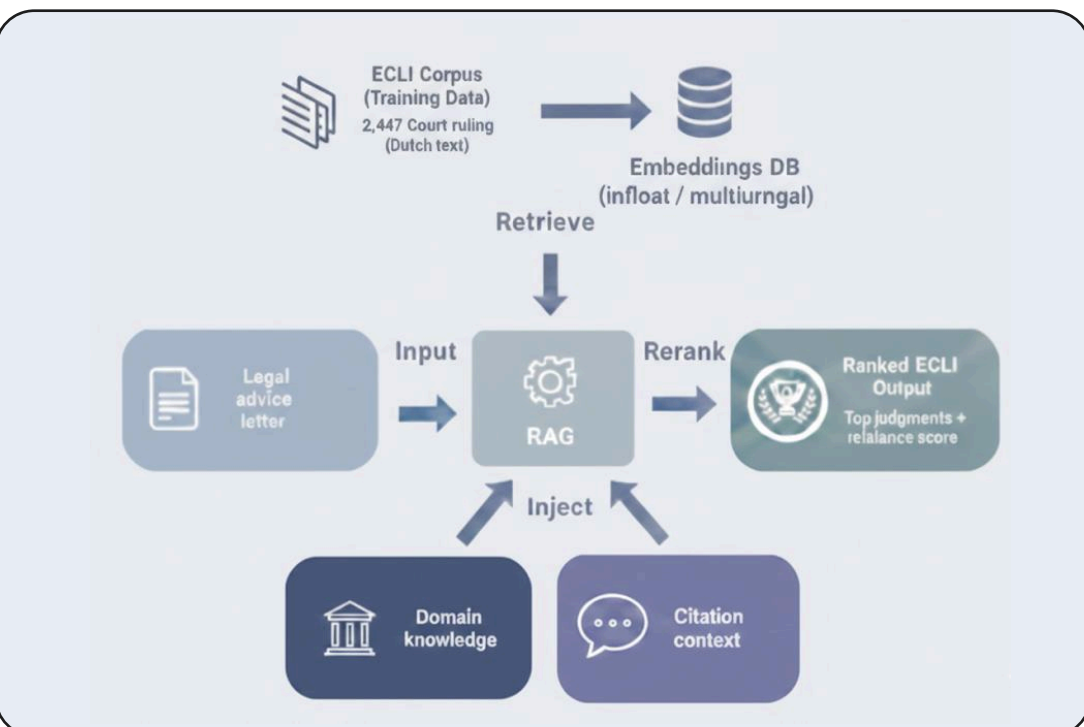
### Key App Features

- RAG-based citation suggestions with: **summary · verdict · law · date · link · relevance score**
- **Sorted** results
- **Import & export:** upload draft letter, add citations, download updated version
- Personalization through configurable retrieval and ranking **parameters**.
- Help / guidance buttons for onboarding and **support**

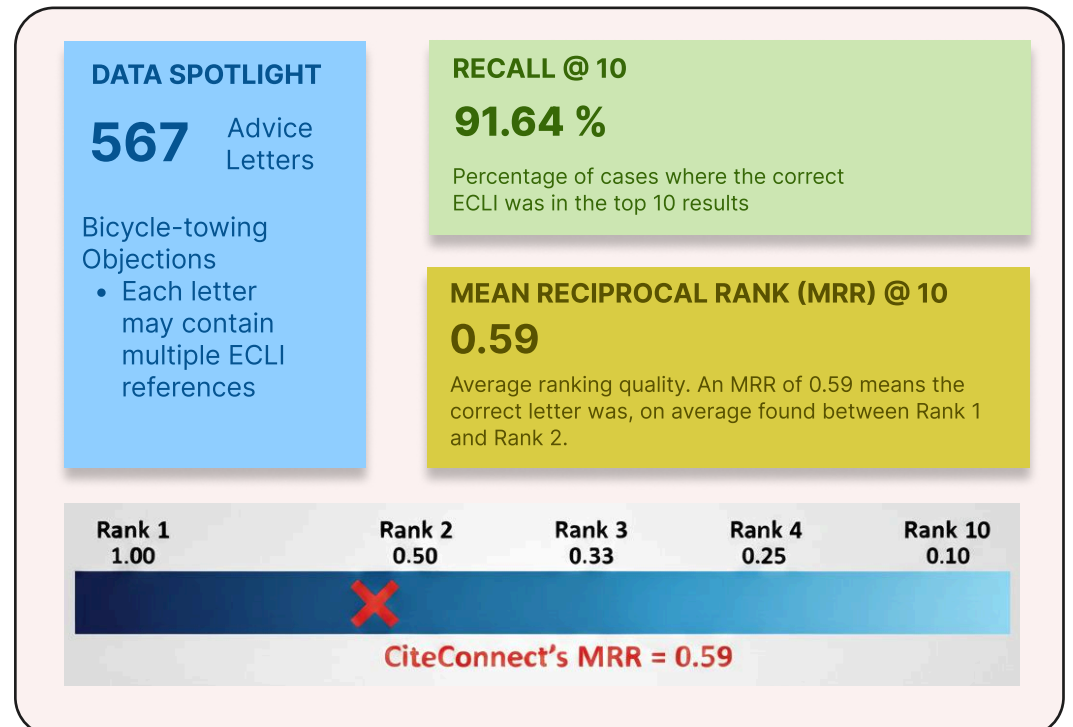
### User Flow



### Backend



### Evaluation



### Conclusion

- Built a legal **RAG system** to support legal advice
- Uses **multilingual hybrid dense-lexical retrieval** with reranking
- Adds **issue awareness, citation context, and popularity** to boost relevance

### Limitations

**Dutch legal domain:** model choices are constrained by the language setting.  
**Evaluation scope:** experiments focus on a single municipal use case.

### Future Work

**Summarization-based prompting:** initial experiments showed limited gains, motivating further investigation.  
**Domain generalization:** extend the system to other legal domains.  
**Dutch LLM integration:** usage of Dutch-specific legal language models.  
**Generation refinement and explainability:** improve advice-letter generation for clarity and faithfulness; provide brief legal justifications for retrieved ECIs

### Acknowledgements

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