

# JudgmentExplorer - A Framework for Digital, Intuitive, and Case-Specific Evaluation of Court Rulings in the Building Permit Process

## Task

This project proposes the development of JudgmentExplorer, a digital framework that organizes, preprocesses, and provides intuitive, case-specific evaluation of relevant court rulings.

- Literature Review: Explore relevant fields, including legal informatics, construction informatics, and administrative workflows.
- Data Collection and Annotation: Gather court rulings and annotate key legal and construction parameter (what are relevant and comparable factors?)
- Algorithm Development: Leverage ML and NLP-based (or other) methods to identify comparable reference cases from court decisions and compare them with building application data (e.g., in which cases could similar exceptions be supported such as exceeding the clearance area)
- Implementation and Validation: Test the framework with real-life sample cases

## Project Characteristics

