



Problem

Information about national cultural monuments is fragmented across archives, documents, and institutions.

Data is often **unstructured**, **difficult to access**, and not suitable for modern digital use.

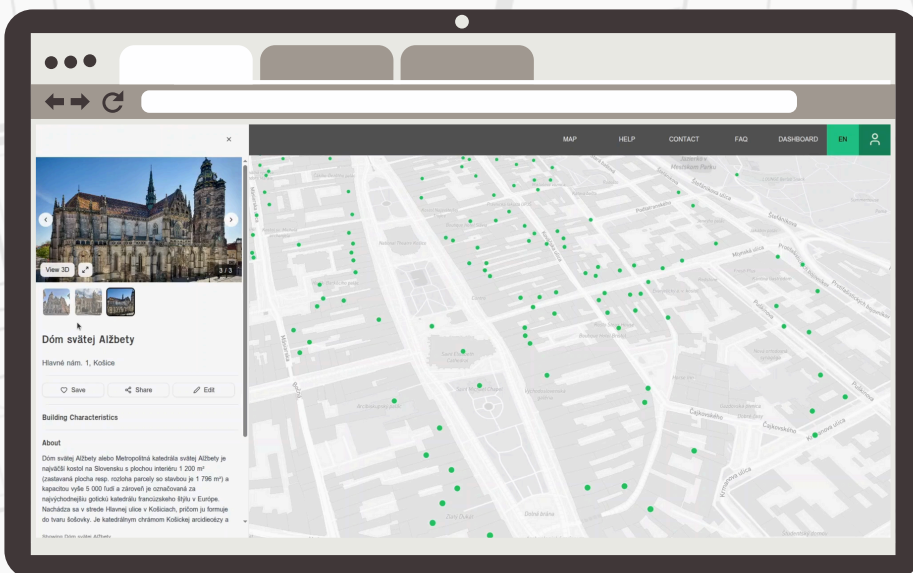
This limits transparency, reuse, and informed decision-making, especially for investors.

Solution

- **Web-based client-server** architecture
- **Central relational database** as a single source of truth
- **Unified data model** for monuments and their sub-objects
- **API-based backend** with role-based access control
- **Reactive frontend** with map and media visualization

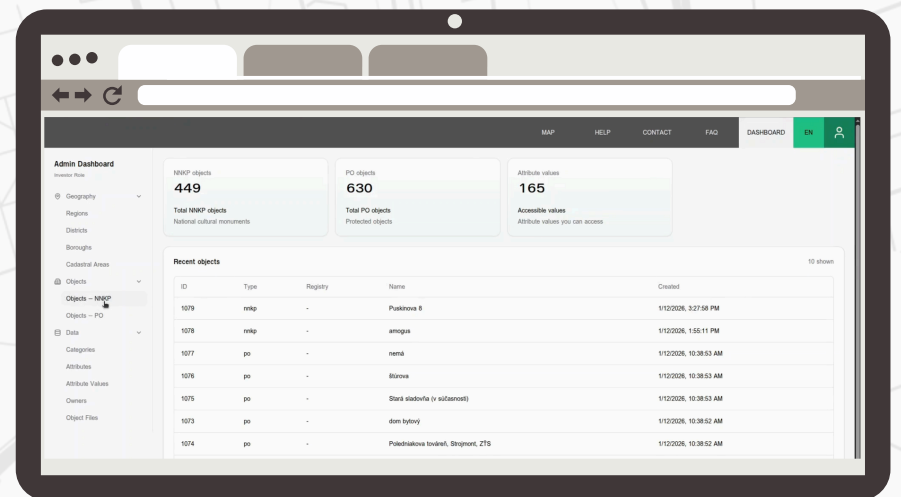
Current State

- Core data model implemented
- Backend API and database operational
- Admin tools for data management
- Initial frontend views available
- System ready for further data population and testing



Key Features

- Hierarchical structure (monument → objects)
- Unstructured document parsing with AI
- Multilingual data support
- Media galleries and document storage
- Fine-grained visibility per user role
- Investor-specific access to selected data



Evaluation

The platform successfully centralizes heterogeneous heritage data into a structured system.

It improves accessibility, supports different user groups, and provides a solid foundation for future extensions and real-world use.

