### Genealogy: The Study of Familial Ties

Genealogy is the study of familial ties between individuals. Traditionally, genealogists take interest in studying and analysing aristocratic families. In the last years though, it has become increasingly popular to research and record one’s own family history. Many genealogists opt to use a computer program to store information about their research. There is a number of applications available for genealogical data management. In the Czech Republic, two applications stand out in number of users: MyHeritage and Ancestry. While MyHeritage is an expansive and overly complicated application, Ancestry, on the other hand, is obsolete in many aspects and lacks key features.

This program should overcome both of these problems and offer all the necessary functionality via an easy-to-use interface. The main aim of this solution is to provide a multi-platform desktop tool for managing and visualizing genealogical data. It comes with an internationalized and user-friendly interface focused on fulfilling the user requirements. The overall objective of this program is to enable the user to spend time focusing on their research over interacting with the application. The data can be imported and exported via the universally used GEDCOM format. The program provides an interface for editing and connecting the data about individuals and families. All the data concerning an individual is available in a single screen, which makes the user interaction with the program swifter. The data can be visualized in exportable graphical family trees of all standard types and reviewed via pedigree statistics.

Unlike the existing solutions, this application also provides a user-friendly interface for managing the data about sources of information and their citations. This enables the user to keep track of their research and quickly check or resume it. The solution also supports saving links to digitalized sources.

### Interface for Editing an Individual

The application provides an interface for editing an individual’s record. The interface is designed to be user-friendly and intuitive. It allows the user to easily navigate through the different sections of the record, such as name, birth date, death date, and place of birth and death.

### Example of a Record in a Register of Deceased

**Josef Ambroz (76)**
- **Place of Birth:** Březina
- **Date:** 7.9.1821
- **Place of Death:** Plicní souchotě
- **Date of Death:** 16.11.1877

**Jan Ambroz (7)**
- **Place of Birth:** Odrůvky
- **Date:** 28.4.1798
- **Place of Death:** Odrůvky
- **Date of Death:** ?

### Interface for Editing Sources

The application also provides an interface for editing sources. This interface allows the user to keep track of their research and quickly check or resume it. The solution also supports saving links to digitalized sources.

### About

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