

## **Project at the Innovation Fund of the Republic of Serbia (IF)**

### **GovTech program – Innovations in the service of the public sector of Serbia**

**Challenge Title:** Digitalization of Textual Cultural Heritage – Increasing the Quality of Optically Recognized Text

**Public Entity:** National Library of Serbia, Belgrade

**Project Title:** LibrAlfy, the software for increasing the quality of scanned documents and optically recognized text

**Team Leader:** Dr. Lazar Velimirović

**Main Partner:** Mathematical Institute of the Serbian Academy of Sciences and Arts

**Sector:** Artificial Intelligence

### **Abstract**

LibrAlfy is an AI-based software solution in the domain of digitalizing written cultural heritage, adapted to the needs of the National Library of Serbia, with a focus on improving the quality of scanned documents and recognized text. The solution consists of multiple modules for digital image and natural language processing, as well as a user interface for monitoring the digitalization process and searching digital content by keywords. The software solution will be integrated with the existing Digital NLS platform. Supporting contemporary digitalization standards and user requirements, the proposed software solution enables digitalization and efficient management of digitized material.