

Software for Technology Transfer Offices

Abstract

Within the frame of Tempus project 158881-TEMPUS-1-2009-1-RS-TEMPUS-JPHES "National Platform for Knowledge Triangle in Serbia", at Faculty of Electronic Engineering, University of Niš, the software for Technology Transfer Offices (TTOs) was developed. On one hand, the system supports acquisition of data related to the technologies that are developed at the universities, and on the other hand the acquisition of commercial potentials of companies. The primary objective of the system is to register the users and their potentials related to technologies and the commercialization, and to help TTCs to match potential pairs.

The system offers capability to register a large number of users. With aim to register the users, system provides automatic user registration, allowing the potential users to register themselves. Careful design of use-cases ensured the validity of the data collected from the users. After the registration, academic institutions can upload the data about the technology that they possess, and companies can post the data about their capabilities and resources. Both types of registered users can exploit the information from the database by searching.

Support that the system can provide to TTOs, in addition to data acquisition, lies in semantical analysis of the collected data. The system offers the capability to automatically search the database looking for pairs of technology-capability match. This is an initial step of technology exploitation, which is followed by more detailed analysis of the potentials by the TTO staff.

Furthermore, the system offers the capability of delayed user notifications, in the cases when the potential match can not be found at the time of posting the data. If the matching data is added afterwards, the system can notify both users. The last, but not the least is the role of the system in the promotion of technology transfer.