

INSIDE THE EDUSAN PROJECT – THE COLLABORATION SUBSYSTEM FOR HEALTH EDUCATION AND DISEASE PREVENTION

Adriana ALEXANDRU¹, Gabriel GORGHIU², M. BIZOI², Ana-Maria SUDUC²

¹National Institute for Research and Development in Informatics, 8-10 Averescu Bd., Bucharest,

²Valahia University Targoviste, 18-24 Unirii Bd., 130082 Targoviste, Romania,
adriana_alexandru@yahoo.com

Keywords: EDUSAN project, health education, disease prevention, ICT, collaboration subsystem

SUMMARY

The three years EDUSAN project (A Complex Integrated System for Health Education and Disease Prevention) was developed in the frame of the Research of Excellence Program - Ceex (PC-D03-PT00-300). Started in September 2005, the project aimed to improve the capacity of preventing diseases, facilitate an early diagnosis and realize a health information space for knowledge discovery. Maintaining a state of good health for the population, adopting a healthier lifestyle, with special implications on long term in social and economic plan, can be made with the help of a real sanitary culture. In this sense, ICT became an extraordinary environment to promote education in the public health domain. As a result, developing a complex integrated system means to define a shared responsibility which implies cooperation and creating partnership among decision-makers in the health domain, health professionals and also computer specialists.

As a main component of the EDUSAN system, the Collaboration subsystem between the institutions involved in the health education and disease prevention was organized on a database structure that include specific tables and relations which offer the necessary support for sharing experiences and training opportunities, make known specific projects, interrogate the database and access the collaborating platform (Suduc et al. 2007).

The Collaboration subsystem was implemented based on the MySQL server technology. The subsystem specific data was recorded into a relational database on the server. The Collaboration subsystem web interface implemented the architectural model of the subsystem: involved elements, data types and forms. The interface of the Collaboration subsystem (<http://edusan.ssai.valahia.ro>) allows the access to its main functions (Experience exchanges, Training, Partnerships, Health programs - named according to the sub-modules names) and also to the collaborative EDUSAN platform (Alexandru et al. 2007).

REFERENCES

1. ***, © 2005-2008, Project Webpage EDUSAN, Complex Integrated System for Health Education and Disease Prevention, <http://terra.ici.ro/edusan/>.
2. Suduc, Ana-Maria, M. Bizoi, G. Gorghiu, 2007, The Collaboration Subsystem for Health Education and Diseases Prevention - A Specific Component of EDUSAN System, Scientific Bulletin of the Electrical Engineering Faculty, Targoviste, vol. 7, nr. 1, 119-122.
3. Alexandru, Adriana, Elena Jitaru, M. Bizoi, G. Gorghiu, Marilena Ianculescu, Monica Pârvan, 2007, Using BSCW Shared Workspace in the EDUSAN Portal, Conference Proceedings of EMMIT 2007, Euro-Mediterranean Medical Informatics and Telemedicine, 3rd International Conference, Mangalia, 31-36.