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Volodymyr Dybovoy, Olena Nikitenko (Ukraine, Vinnytsya)

ANALYSIS OF SKILLS SIGNIFICANCE FOR VARIOUS FIELDS OF ACTIVITY ACCORDING TO THE IT-SPECIALISTS' PROFESSIONAL STANDARDS

The problem of harmonization of Ukrainian and international professional standards (PS) in IT is the live issue according to the general tendency for IT professionals' mobility development.

There are many studies where educational and professional standards in the IT industry in various countries are compared [1-3]. The occupation "A specialist on information systems" is also recognized in the developed western countries. For example, the USA Labor Department developed a reference book Standard Occupational Classification, where there is a specialty 15-1132 Software Developers, Applications, which, according to the description, is very similar to the national PS "A specialist on information systems." In the EU European e-Competence Framework and frame of competences SFIA (Skills Framework for the Information Age) were developed and there are international standards ISO / IEC 15288: 2008, ISO / IEC 12207: 2008, which correspond to the given PS. The Council of European Professional Informatics Societies (CEPIS) declares 23 professional IT standards, particularly with the following occupations: IS Analyst, Software Developer, IT Systems Architect, Business Analyst and others. However, there remain a wide range of questions about the professional and educational standards coordination from the perspectives of career growth of professionals and the changes in the IT sector.
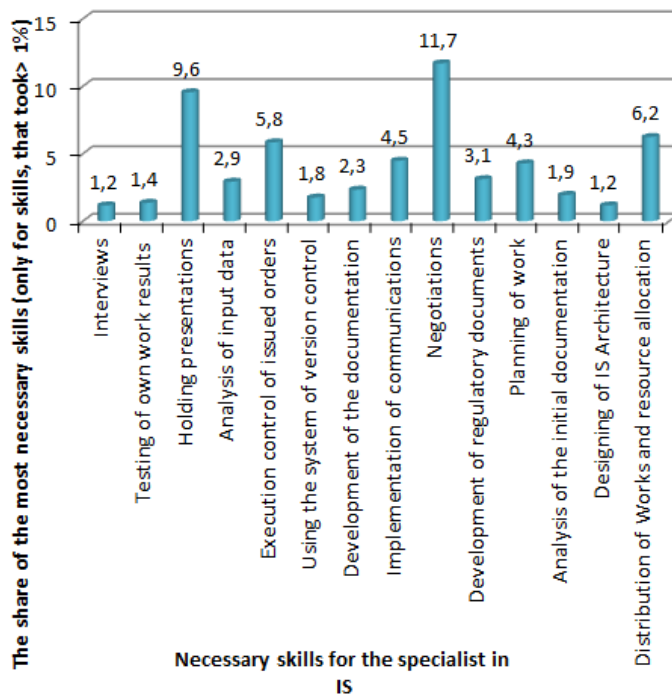
The purpose of this work is to analyze the value of certain skills for different subject-matter areas according to the Professional IT Standards.

In 2016 CEN (European Committee for Standardization) has developed a standard CEN / TC 428 - Digital competences and ICT Professionalism. Technical Committee of the organization included representatives of the 33 EU countries. CEN / TC 428 was established to make the European e-Competence Framework (e-CF) the European standard (EN).

In Ukraine PS each profession has several skills levels for each skill level there are job titles that are already met in practice and are also possible / recommended. Each profession qualification level contains a list of job duties detailing the knowledge and skills needed to effectively perform all duties. In Ukraine, the standard [4] describes the professional activities of professionals involved in the creation and exploitation of IS which automate the task of organizing and

Fig. 1 - Analysis of PS "A specialist on Information Systems" from the view of necessary basic skills

managing business processes. During the designing of lists of labor functions was applied an approach in developing of a typical classifier of labor functions and labor actions that are grouped by functional sectors.

Conclusion. In the PS the most basic skills are as follows: the ability in making presentations, negotiations, distribution of work and the allocation of resources, monitoring of the issued orders (Figure 1).

Literature

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