

Competencies Formation of Software Quality Management in Higher Education Institutions

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key words

information technologies, qualified personnel, motivation, new tools, high-quality work results

We considered the importance of an integrated approach to the development of technologies and testing tools by students of KSPEU in the framework of project activities for software development. The need for multilevel mastering of quality management competencies and software testing from simple to complex was also studied. We believe that testing and documenting the software development process are key aspects of creating quality software. The approach applied at KSPEU to the training of IT specialists in terms of the competence of quality management and software testing allows students to understand the need to develop high-quality software, knowledge of the means and methods for achieving this, acquire skills in testing tools, and collective responsibility for the work performed. Multilevel training in mastering the competencies of quality management and software testing allows graduates to acquire and consolidate the skills of creating a high-quality software product and writing tests.

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