

продукта либо на единицу полезного эффекта конкретного товара, приходим к еще одному выводу. В сфере IT-технологий наиболее актуальными из всех видов ресурсов (материальные, финансовые, информационные) явля-

ются трудовые ресурсы, бережное использование которых дает как экономический, так и качественный эффект. Соответственно, именно на их сбережение должны быть направлены наибольшие усилия.

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# Resource Saving in the Field of IT in the Educational Processes Complex Digitalization

**D.V. Smelkov**<sup>1</sup>, FSAEI FVT Academy for Standardization, Metrology and Certification (Training), PhD (Tech.), smelkov68@mail.ru

**V.F. Kuksevich**<sup>2</sup>, El Vitebsk State Technological University

**D.V. Chernenko**<sup>2</sup>, El Vitebsk State Technological University, chernenko203509@gmail.com

<sup>1</sup> Associate Professor of Department, Moscow, Russia

<sup>2</sup> Senior Lecturer, Vitebsk, Republic of Belarus

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software product

In the process of working on any IT project, it often becomes necessary to consider the issue of resource saving. At the same time, in the field of IT design, it is difficult to single out the resource-saving object. The resources we are accustomed to save are not used, or are used in insignificant quantities.

In this article, as an object of resource saving, it is proposed to consider labor costs when creating a software product, which is relevant for the IT field. We have shown the basic principles of labor costs formation as an element of a quality indicator. An example of labor costs assessment in the design of a database with the calculation of time for database development is on consideration. The paper shows one of the scientific approaches to solving the problem, such as process decomposition. The modeling method of Peter Chen based on the construction of the entity — relationship diagram is also used.

When carrying out a comprehensive digitalization of the educational process, knowledge about the execution time of related IT projects will allow: (a) estimate the total amount of all work; (b) make a conclusion about the need to either increase your IT staff, or contact a specialized IT organization; (c) predict labor costs for further similar projects; (d) correctly plan the budget and estimate the possible profit.

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