

Automation of accounting for financial transfers using the SQL Server DBMS and the C# programming language

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Annotation. The article is devoted to the automation the process of accounting for money transfers using the SQL Server DBMS and the C# programming language. The activities of a number of financial and credit organizations were analyzed. Modeling of business processes for accounting for money transfers using the IDEF0 methodology was carried out. Requirements for the information system have been developed. The structure of the database is described and the design of the information system is carried out. The designed software will make it possible to implement such functions as accounting of money transfers that were made in the branches of a financial and credit organization; accounting of the results of money transfers; generating reports on completed translations. The payback period of the developed information system is less than the standard period, therefore, the system is an economically profitable project.

Key words: information technologies, databases, information flows, automated control system

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