

## **The Role of Information Technology in Bank Loan Calculation and Financial Analysis**

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### ***Abstract***

*The achievement of high results in the economic and social spheres of Uzbekistan, taking the place of a full-fledged partner in the world economic system, depends on the extent of the high level of use of modern information technologies in all aspects of human activity, as well as the role these technologies play in increasing the efficiency of social work.*

**Keywords:** *Financial-economic, budget, bank loan , repayment, term, interest payment.*

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The 21st century was recognized as the information age. It is no exaggeration to call information a resource for the development of the entire human society. It includes computers and information systems, local and global networks, the World Wide Web, multimedia technologies, and the Internet. By now, the transition to market relations in the economy has greatly accelerated the pace of implementation of the latest achievements in all areas of informatization of the social and economic life of our society.

ensures the quality of economic information, its accuracy, objectivity, speed, and as a result, the possibility of making management decisions on time increases.

Accounting plays a major role in the management process, where about 60% of all information is collected. Accounting information systems traditionally include the following sets of tasks: fixed assets account, material assets account, labor and wages account, finished goods account, account of financial accounting operations, account of production costs, summary account and compilation of reports.

In 2022, the measures taken to ensure the stable and continuous operation of the financial-economic, budget and banking-credit system of our country, to provide assistance to the enterprises of the real sector of the economy, and to provide social support to the population, i.e., the allocation of loans, gave practical results.

In particular, the structural changes in the economy, the modernization of the enterprises of its important networks, the technical and technological renewal, the development of production and social infrastructure, the promotion of domestic consumption, the all-round support of export-oriented enterprises, small businesses and private enterprises were considered. measures ensured sustained high rates of economic growth last year.

The Decree of the President of our country "On the development strategy of New Uzbekistan for 2022-2026" defines a number of priority tasks related to comprehensive socio-economic development of regions, social protection of the population and raising the standard of living, development of entrepreneurship, prevention of crimes. On this basis, the large-scale creativity and good works are making our compatriots feel grateful. After all, the development strategy, on the basis of the noble idea "For the value of man", has expressed the ways to ensure the employment of the population, increase their well-being and achieve the approval of each person from the state.

Gross domestic product (GDP). According to the data of the State Statistics Committee of the Republic of Uzbekistan, in 2022, the growth of the gross domestic product will be 5.7%, the growth of the production volume of industrial products - 33.3%, agricultural products - 15.0%, retail turnover - 16.6%, paid the increase in the volume of service provision was 44.5 percent.

In the "credit system", a database is a set of credit relations and a source of information about credit institutions that organize and implement credit relations. With the credit system, temporary funds of legal entities and individuals are collected and given to enterprises, organizations, citizens, and the state for temporary use. The credit system can consist of several syllables. Depending on the attraction and distribution of funds, the links of the credit system will have their own characteristics.

A loan refers to the relationship between borrowing and returning funds that are temporarily free from their owners by others on the condition of payment of fees for a certain period of time. Credit relations occur between two subjects: one is the owner of money, that is, the creditor, and

the other is the borrower. Credit means in the form of goods or money:

To give back;

Tenure;

Paying interest;

occurs as a result of giving on the basis of conditions.

When analyzing a credit report, the following information requirements are set:

- short, precise expression, punctuality;
- meeting the expectations of specific managers;
- accuracy and reliability, correct selection of initial data, continuous data collection and processing.

Internal users of information are the top management of the enterprise and managers at all levels of management. Based on the financial analysis, they are:

- determines the demand for financial resources, i.e. loans;
- assess whether investment decisions are made correctly, determines the efficiency of the capital structure;
- evaluate according to planned indicators;
- develop and implement dividend policy;
- make proposals to change the composition of the company.

External users of information:

- shareholders (individuals or banks);
- financial providers of the company (owners of the company or creditors);
- suppliers and consumers of the company's products;
- company employees and trade union;
- tax organizations;
- government organizations;
- stock exchanges;
- the press;
- business association and others.

All external users are primarily interested in information on the financial and economic activity of the company. On this basis:

- shareholders regarding dividends, the most convenient time to buy shares and the period of holding these shares;
- to creditors: accuracy of credit granting and term, terms and conditions of granting a loan, the fact that the loan is secured by a pledge;

- the composition of the capital of the investors, the resources are effective fun to use;
- government organizations are interested in providing financial support;
- stock exchanges analyze the financial reports of the company for registration;
- the press collects information about the company and is interested in advertising;
- statistics summarized by the entrepreneurs' association uses the financial report of the firm to prepare.

On the basis of the Government's decisions aimed at preventing the impact of the global financial and economic crisis on the economy of Uzbekistan, the measures taken to expand the resource bases of commercial banks for long-term lending to real sector enterprises, as well as to attract free money of the population to bank deposits, had an impact on the interest policy of commercial banks.

In 2009, the average interest rate on loans decreased from 10% at the beginning of the year to 5% by the end of the year as a result of the increase in the volume of preferential loans allocated by commercial banks for financial support of investment projects, export enterprises and small business entities within the framework of anti-crisis measures.

Thus, credit score and financial analysis data are of great importance in the role of the company manager. As a result of the correct maintenance of the credit account, the level of liquidity of the enterprise and the level of reliability of information will be high. The reliability of information has a direct positive effect on the decisions made by external users .

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