



INTEGRATED DATABASE MANAGEMENT ALGORITHMS IN MANAGEMENT BODIES

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ANNOTATION

Cases such as the development of Information Technology and the ever-increasing flow of information, rapid changes in information, motivate mankind to seek measures for the timely processing of this information. The creation of a database for data storage, transmission and processing, and then the wider use of it, remains relevant today. A database is a set of interrelated and sorted data, which characterizes the nature, condition and relationship between objects in a particular field of view of the objects being viewed. In fact, at present, in the life of a person, the storage and rational use of the necessary information in the database plays an important role. The reason is that no matter what aspect of the development of society, we will certainly be forced to resort to the database in order to obtain the necessary information for ourselves. So the fact that organizing into a database is becoming one of the most urgent solved problems of information exchange technology is a prerequisite of the period. It should be noted that when creating a database, it is necessary to take into account two important conditions. The type and appearance of the data should not depend on the programs that use them, that is, when entering new data into the database or changing the type of data, programs should not be required to be modified.

KEYWORDS: *database, data flow, integrated, algorithm, Information, application.*

DISCUSSION

The importance of the algorithm developed in the management of database in the system of management bodies is that it speeds up the process of data flow management as well as data transfer. Below are 2 pieces of database management algorithms. In the first section, the appearance of algorithm to show the database organizers as well as to manage the database. In the second section illustrates algorithm and method of working with the database. Its methods described in the pyramid vision of database management were considered.

It places in it a resource of communication tools and database at the lowest stage. Cooperation and support of Information Technologies at the next stage. This is the introduction of interactive services within the e-government system, increasing the speed of performance, providing necessary software and technical services and, of course, improving the quality of Service. At a higher stage, the administrative strategic phase takes place, namely the database administrators. This method was called General Communication and an extended acceptable plan.[1] Of course, a team of information technology expert team staff is also formed to monitor the work process of all these processes. (Picture 1).

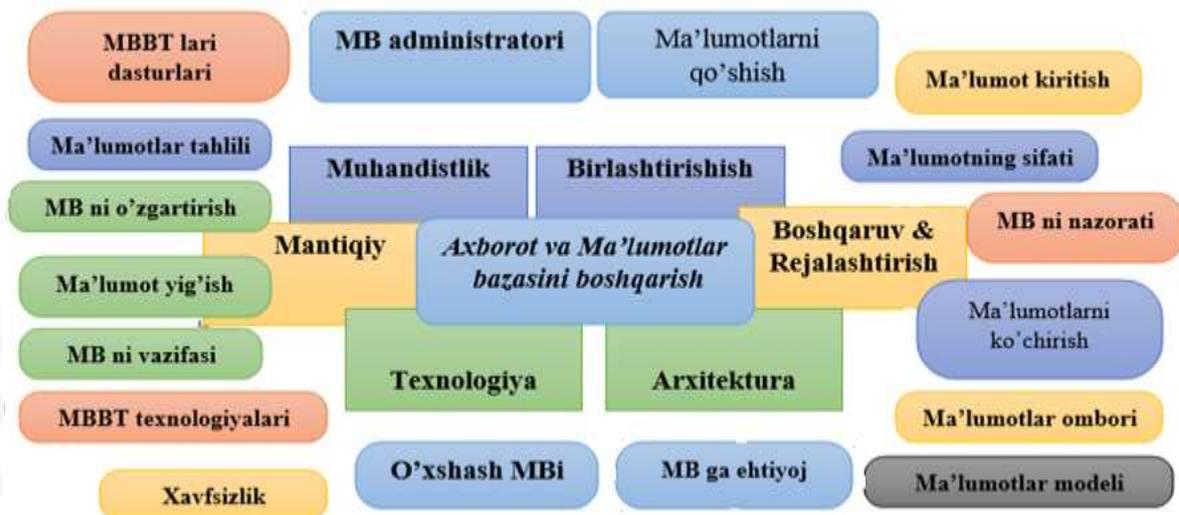


1-picture. Extended approval plan in database management.

The main purpose of the use of information and communication technologies in the state statistical bodies is the automation of statistical production processes. This includes the processes of collection, processing, collection, storage, generalization, analysis and publication of statistical information about socio-economic events, processes taking place in the Republic and their results.

Currently, there is a corporate information network of the state statistics agency, which includes

the district and city statistical departments. it is necessary to monitor the system of 4 or 5 time in this group of management bodies formed a unified information system of the state statistics agency, which includes all information resources, information systems, software-hardware and telecommunication tools of the state statistical bodies and consists of the employees of the system. Picture 1 shows the way database management appears in pyramid



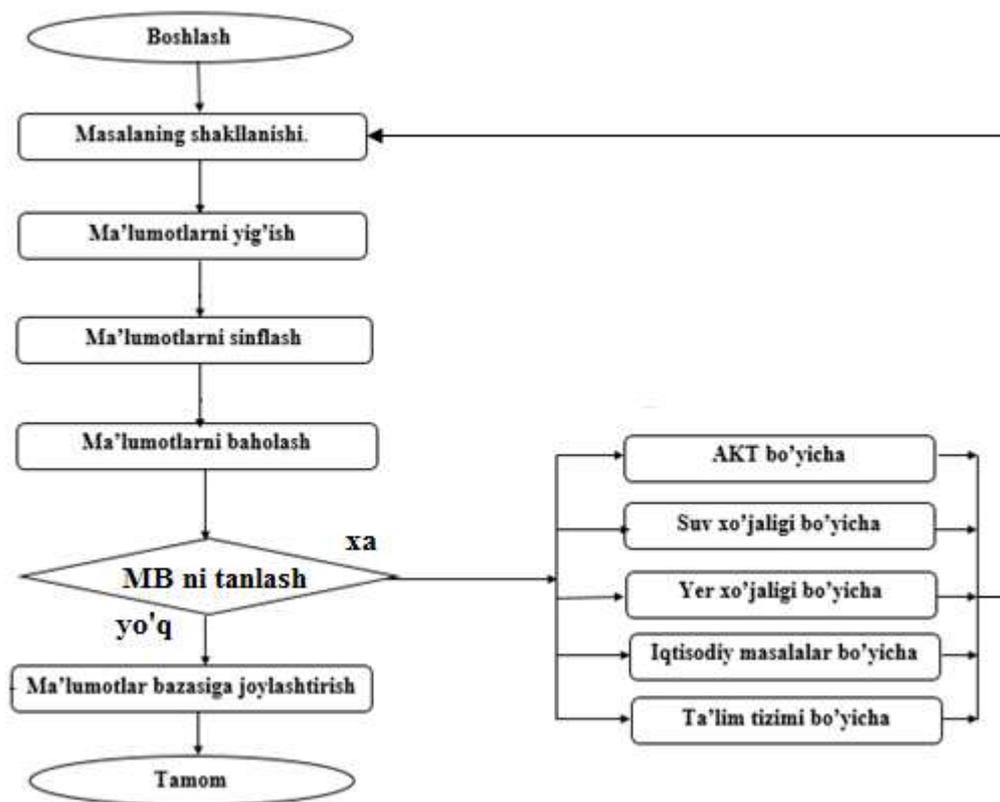
2-picture. Information and database management networks.

The algorithms for managing the base of information in the management bodies are presented in 3th and 4th pictures. The database management algorithm was developed into two pieces, one for the data flow and the other for the data flow, an algorithm developed for the management of the database of territorial governing bodies. Figure 2 describes the separation of database management into different networks.

Information and database management is divided into several sectors. Examples of these include data entry, data class, database control, technology, architecture, engineering, management and planning, the need for a database, logical, security, data analysis, data acquisition, database functions, database management system software, data analysis, data model, quality of data, database

administrator, database functions, data migration, merging, database management systems, technologies is from the sentence.[2]

The importance of an information system that illuminates the current state of each territory within the e-government system is considered very high. This is because it is important to use the information system so that the employees of the management bodies can have a general overview of the area without going to each area. It is necessary to create a system that ensures that citizens enter all the information themselves. Figure 3 shows the algorithm for managing the database for such a system as well as in the management bodies. In Figure 4, part of the database management algorithm cited in Figure 3, that is, the algorithm of the management system is mentioned.

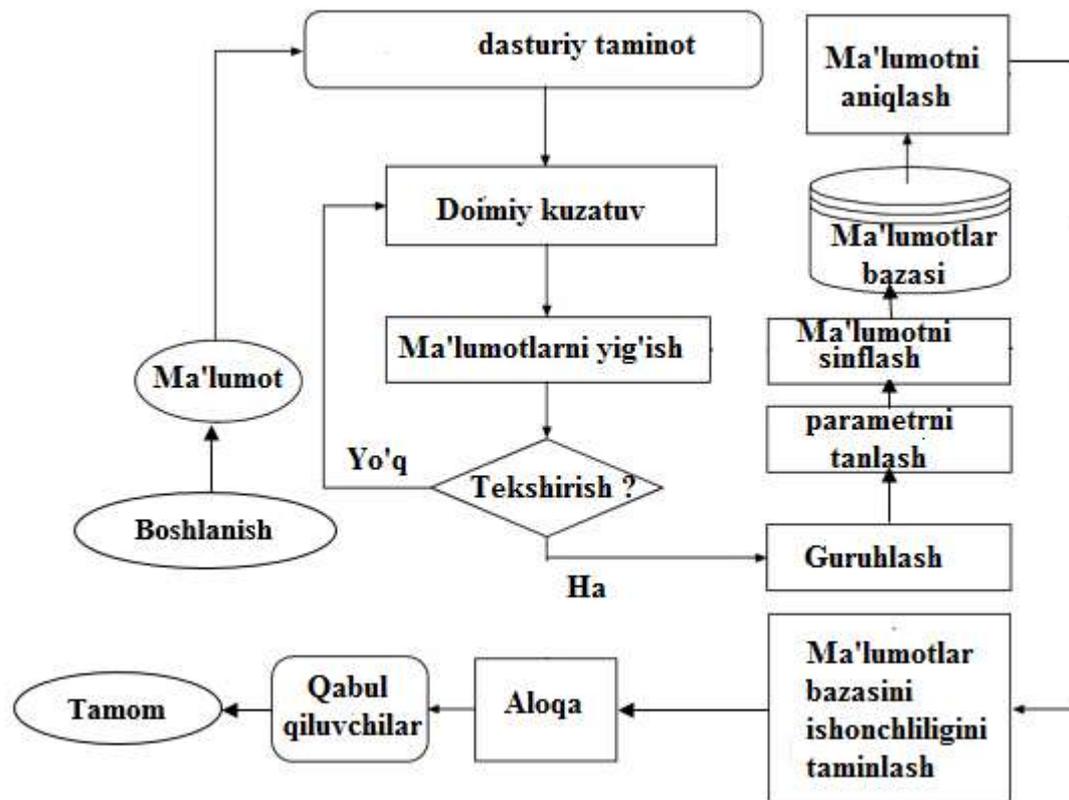


3-picture. Database management algorithm

Any effective information system should provide users with a set of information that is accurate, timely and appropriate to the work being done, regardless of what area or direction it is dedicated to. Such information is collected in various types of files and devices available on the computer. Computer application software organizes and stores system information in the form of bits, bytes, fields, records, files and databases. In the management of the database and before starting to work with it, it is

of course necessary to identify its areas, since this work will ensure the interaction of objects.

Figure 4 describes the management of the database in the central management bodies in the database management algorithm. Of course, the collected, checked and processed with much more data. Therefore, it is necessary to have a high level of software that meets the latest technologies. Security software is also used to ensure data reliability.



4-picture. Database management structure

Checking on them is carried out namely classification when data is being collected. After selecting the parameters, the known ones are divided into groups, that is, they are divided into groups by different spheres. The grouped data will be sent to the recipients and the data will be sent to the software.

CONCLUSION

The algorithm for managing this database is the most optimal physique for management bodies,

which increases both speed in managing data integration and helps to create a convenient interface.

REFERENCES

1. Thomas H. Cormen va b. *Intruduction to algorithms. Massachusetts Institute of Technology. London 2009*
2. Azamatov A.R., Boltayev B. *Algoritmlash va dasturlash asoslari. O'quv qo'llanma. T.: "Cho'lpon", 2013 y*