APPLICATION MODEL OF INFORMATION SYSTEM IN VIETNAM SPORTS ADMINISTRATION'S ACTIVITIES

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Abstract:
This article presents the research results on the model and status of information systems applied in the activities of the Vietnam Sports Administration. On that basis, propose solutions and tasks to promote the application of information systems towards building an electronic Government at the Vietnam Sports Administration.
Keywords: Information technology, sports, information system.

INTRODUCTION

Information technology application and development at the Vietnam Sports Administration in recent years has steadily been implemented and brought certain results. However, besides the achieved results, the application of information systems at the Vietnam Sports Administration still has some limitations: the application still lacks synchronization, and there is no connecting link leading to low application efficiency. IT infrastructure's lack of upgrading investment leads to degradation and makes it difficult to ensure the deployment of information systems in the coming period...

In the context that the Party, the State, the Ministry of Culture, Sports and Tourism are urgently constructing an e-government, the Vietnam Sports Administration needs to take breakthrough steps so that the application of information systems is truly effective, creating a dramatic change in the activities of the Vietnam Sports Administration. Stemming from that urgent need, on the basis of studying the deployment model of information systems as well as the current status of information systems built and implemented at the Vietnam Sports Administration, the research proposes solutions to improve the effective application of information systems at the Vietnam Sports Administration in the coming time.

RESEARCH METHODS

The following research methods were used in the research process: Methods of analyzing and synthesizing documents; Expert method.

RESULTS AND DISCUSSION

1. The deployment model of information system in activities of the Vietnam Sports Administration

Based on the requirements in management, administration, and operation of the Vietnam Sports Administration (formerly the Sports Committee), Sports Information Center (formerly the Informatics Center) has built an application model of information systems in the Vietnam Sports Administration's activities as follows:
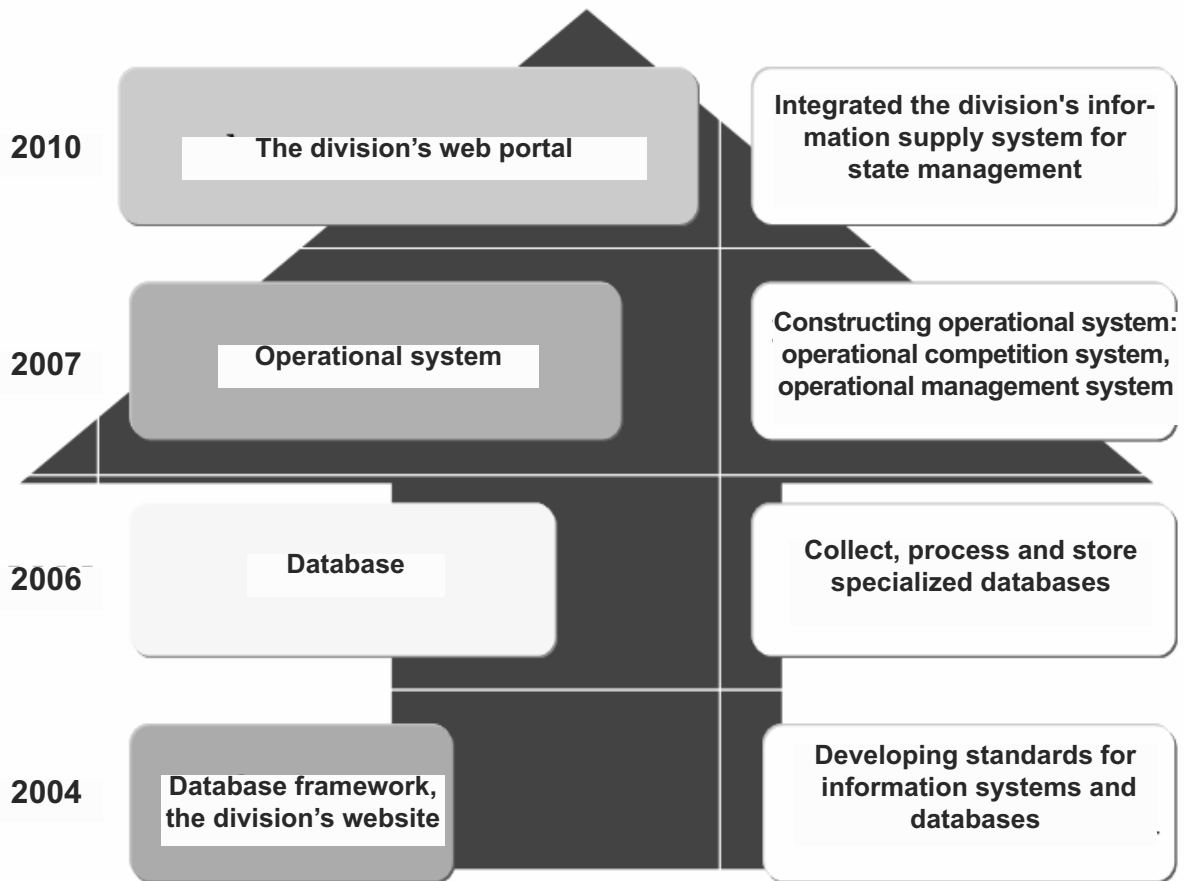
Along with the development of the sports division, so far, the Vietnam Sports Administration has built and implemented the following basic information systems:

1.1. Management information system

The management information system has been developed and implemented since 2006 with the goal of collecting, storing, processing and providing information for the management and performance of professional tasks of experts; assisting leaders of the Vietnam Sports Administration in making management decisions. The system includes the following main modules:

- Management and administration information module: This module is only for

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those who are authorized to access and exploit to assist in the management of personnel, projects, finance, and leadership …

- Information and sports competition database module: This module is for managing high-performance sports competition program and creates a database of schedules and competition results. This is a large database system, quite complex because it involves many competitions and competition content.

- Management information and database on sports for the mass public module: The module aims to update and store information, data and targets on sports for the mass public in the whole country, including: the number of people who regularly practice sports, the number of sports families, sport clubs, the number of schools performing regular physical education, and the percentage of armed forces meeting the standards of physical training ...

1.2. Operational Information System

This system manages and stores important documents and materials related to everything sports (both nationally and internationally);

manages the process of handling documents, work files; manages the reporting system and development targets of sports activities on the computer network for future search. The operational Information System is the most important information system of the Vietnam Sports Administration, acting as a central system to receive and process information flows from other systems, serving the production of general reports.

1.3. System of specialized database frameworks

The specialized database framework system includes the following main modules:

- Work utilities, schedule.
- Management of documents and work records.
- Database of legal documents.
- Database of competition rules for sports.
- Discussion forum, internal email.
- Database of sports competitions.
- Database of public sports.
- Database of cadre and civil servant records.

1.4. The sports division's website

The website of the Vietnam Sports Administration has been created and put into operation since 2005 and is located at http://www.tdtt.gov.vn/. The website of the Vietnam Sports Administration ensures that the people and businesses through this website can search for any information on mechanism and policies, executive management; as well as submit requests, recommendations, and sports-related issues. Number of articles (updated in 2018): Over 3,000 news articles, photos, video clips. The number of visits is 4,000 times per day and approximately 30,000 times per week.

1.5. Specialized database system

The Vietnam Sports Administration has launched the construction of the database systems specialized in sports. Specifically, 41,000 specialized pages of database were collected, edited and inserted. Database of telephone directories of the division and database of legal documents are built. These databases are openly demonstrated on the website of the Ministry of Culture, Sports and Tourism.

Besides, the Vietnam Sports Administration has also directed the relevant units to organize the collection, classification, standardization of information, database of athletes, information of competition results through sports tournaments ... to assist the VSA in management and administration.

2. Analysis and assessment of the current situation of the information systems at the Vietnam Sports Administration

Specialized information systems and databases have been developed in recent years to effectively assist in the management, administration and operations of officials and employees of the sports division.

The operational processes in management and work activities of cadres, civil servants and public employees have basically been computerized. Work processes and procedures are implemented on the information systems, operational software; lookups, statistics, and reports are all done through the application software.

Based on information technology infrastructure and information systems, the specialized database was built, professional processes like competition registration, meal registration, accommodation registration; organizing tournaments; assignment and administration of referees; updating and searching, making statistics and report competition results ... have all been computerized. Especially the application of IT, based on the professional information system in the 3rd Asian Indoor Games, 5th Asian Beach Games was highly appreciated by the Olympic Council of Asia (OCA), meeting the professional and technical requirements of OCA with the motto of cost savings, high efficiency.

Besides the achieved results, The application of information systems in the operation of the Vietnam Sports Administration still has limitations and shortcomings such as:

Information systems, IT application software, in general, are asynchronously implemented, along with the lack of connectivity, data sharing between applications, resulting in low efficiency. Along with that, the information systems was constructed a long time ago, leading to outdated technology, making it difficult to meet the requirements arising in the new situation.

Leaders of some departments and units are not really serious about the application of information systems in the management, direction and administration. A small number of cadres and civil servants have not changed their working mindset from the traditional way to work on the network environment, leading to low efficiency, even though the information systems had been implemented.

CONCLUSION

The deployment model of the information system in the activities of the Vietnam Sports Administration is composed of the following elements: Management information system, operational information system, specialized database framework system, the sports division's website, and the specialized database system. The deployment model has served effectively in the management, administration,

Science and technology are of particular importance in the current context (photo source: http://vinanet.vn)

cooperation ... of officials, public servants and employees of the sports division and has also served the professional activities of the division through application software., however, some issues still exist such as: The deployment of IT applications is still asynchronous; linking and sharing data are not highly effective, outdated technology system, which makes it difficult to meet the demands, and especially, leaders of some units have not seriously considered the application of IT in management and administration.

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