

The Project of Information System on Organization of Tourist Trips

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Abstract — This paper considers the process of organization of tourist routes and trips. In order to solve the problem and to satisfy the needs of consumers, the information system was planned and developed. The developed information system has the ability to preserve the data of a single route in database, to provide continuous access to the information, to perform wide range of data analysis.

Keywords — information systems, information technologies, tourism, independent travel, individual tour, data processing.

Introduction

One of the main features of the society and business development of the XXI century is the rapid evolution of information technology. Innovations, start-ups, promising projects are becoming an integral part of almost all spheres in our life. The tourist industry, unlike the economic and business sectors, is not so popular among information projects [2]. Accordingly, in modern conditions it is necessary to create a competitive information system that will provide services for organization and provision of tourist trips.

The scientific papers of famous scientists are devoted to the issues concerning the use and effectiveness of information technology in the tourism field, such as: G.P. Galuzinskii, MV Efremova, M. Zhelyeni, V.A. Kvartalnova, AV Levkova, SV Melnichenko, GA Papiryan, MM Skopen, T.I. Tkachenko, F. Ullah, M. Hammer, and others.

The Results of the Development

The purpose of this work is to develop an information system that will provide the user with data about the chosen travel route, combining the data from different sources in order to provide up-to-date travelling information, points of interest, available tickets, etc.

It is necessary to conduct the research on the effectiveness of the project, to assess possible risks, to design requirements, calculate resources and, finally, to create a plan for the information system development.

The information technology in modern world is developing with a high pace. Not only the number of projects grows, but also the qualitative characteristics of the created systems are improved. Modern information systems are commonly used in large companies and organizations, banks and government agencies, in transport and tourism spheres, that is where the speed of data processing and data transmission is an especially important element.

Almost 40% of travel agencies today provide an opportunity to book a tour online. In Europe, this tendency to book the hotel room and tickets independently, without the participation of travel agents, is gaining in popularity, which also helps to save the cost of the trip itself. That is why the influence of the information technologies development on the tourism sector has a significant positive impact.

The tourist sector is very popular among people of different age groups. In most cases, consumers choose their package tours at travel agencies. However, it does not provide the flexibility and autonomy of traveling, because they are "tied" to the selected excursions,

accommodations and attractions. Often, users are unaware of the ways they can arrange a trip by themselves. Such option helps not only in saving money, but also allows to make a unique travel route according to your chosen budget, the countries and cities people want to see, as well as the mode of travel and type of apartments they choose.

Unlike the individual tours that are provided by travel agencies, the developed information system will fix the disadvantages of existing software packages, since it will make the route absolutely free and will not require additional time — it is possible to select and book the tickets in 30 minutes. The creation of this information system will also help to solve the problem of unawareness of certain areas of the globe, since buying the tickets and organizing a trip is possible for every corner of the world.

Trends in information technology development are diverse in the way of development and the sphere where they are used. The modern projects fill in the area of social life where the flow of data is highly widespread. The tourism sphere is not an exception. Nowadays the diversity of tourist organizations is staggering.

However, consumers tend to be more independent and flexible in their choices, which causes the necessity for creation of tourist travel information system. Such project will provide a wide range of filters and options, thus making it possible to adjust travel to the consumer's lifestyle, its preferences, budget possibilities and impressions.

Conclusion

In this paper the main principles of information systems in the field of tourism are considered and the expediency of developing a project is substantiated. The main advantage of the developed system is the independence in choosing the route of travel, the simplicity and convenience of use. These characteristics determine the consumers to use the services of not only the traditional package tours, but also to start a new unique journey that is created independently with the help of information system for organizing tourist trips.

References

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