The Tourism Management Information System for Selection Beaches in Myanmar

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Abstract—Tourism Management Information System can be defined as computer-aided systems through which tourists can access the information they search simply and fast. This system provides information for tourists on information, accommodation, transportation, destination and other services. Management information systems employ information technology to collect and communicate all the information a company or institution uses to operate. Myanmar is not only known as a land of gilded pagodas, but also a country of beautiful landscapes. Furthermore, it features more than 2,000 km of coastline along the Gulf of Bengal and Andaman Sea which draws ways of tourists coming to enjoy the relaxing and exciting moments on the breath taking stretches of white soft sand and turquoise water. Tourism Information Systems can be integrated with the information systems set up for cities for other purposes.

Keywords— Tourism, management information system, selection, beaches, Myanmar.

I. INTRODUCTION

Tourism is the trips performed to rest, enjoy, sightsee and get to know or all these economic and cultural works for attracting tourists to a region. Owing to tourism, people can take a different approach to life by realizing both the beauties of other countries and outside of the region where they live in their countries and cultural heritage left by the people living in the past, and by believing in the necessity of handing down a more liveable world to the future generations. Tourism is a fast-growing sector in parallel with increasing prosperity in the world. People have started to direct the added values produced by them in business life to recreational activities. As a recreational activity, tourism has come to a significant point.[5]

This system shall describe the interface requirements for visiting the information system of famous beaches in Myanmar. They specify the way the user shall interact with the system as well as define the necessary hardware requirement and software requirement are collected to store and retrieve data. These exact cut-offs will need to be determined through a more thorough stress testing of the system.

Myanmar is not only known as a land of gilded pagodas, but also a country of beautiful landscapes. Furthermore, it features more than 2,000 km of coastline along the Gulf of Bengal and Andaman Sea which draws ways of tourists coming to enjoy the relaxing and exciting moments on the breath taking stretches of white soft sand and turquoise water. Here are five of the most stunning and wonderful beaches in Myanmar.[4]

The objectives of the research paper are:
- To know details information system of famous beaches.
- To provide customers with the variety of hotel, foods and drink.
- To support the user to search beaches information for customers.
- To save time, human work energy and money of customers.
- To achieve Customers satisfaction.

In the design and implementation of famous beaches in Myanmar system information is obtained mainly through newspaper, magazines, radio and other simple ways those are available easily. But problem is that tourists are not able to get travel information timely when they are on the move.

The aim of the paper is to investigate the realization of travelling guide over the web platform. Famous beaches of information system should contains some functionalities like step by step guide to reach the beaches, retrieving information from points of internets, setting adding reviews, and so on.

Collecting requires data and information for system is difficult because of short time constraint and the information we need are scattered in different places. We also have limited working hours and limited developing time, this will make us hard to cover the working in limited hours.

The last developments in information and communication systems affect the works related to the preparation of touristic products within data gathering, processing and analysing for touristic products and destinations.

II. LITERATURE REVIEW

Nowadays tourism is a dynamically developing sector and due to its quick development it represents a significant part of economic benefits for the country. Even though this industry is not characterized by production and its businesses do not export their products to other countries, provision of services in tourism and appreciation of the beauty of the country represent a continuous process of improvement and development. However, the potential of this sector has not been fully exploited yet. One reason for this deficiency is, to some extent, educational extemporaneousness of employees in tourism corporations. [7]

Management information systems employ information technology to collect and communicate all the information a company or institution uses to operate. Each department or function of an organization produces its own operational and financial data and as a result has its own information system to keep track of it all. There are as many types of management information systems as there are departments or functions in an organization, but there are a few specific systems that almost every organization or institution needs for the whole to operate smoothly.[3]

Tourism Information Systems (TIS) are evaluated as a type of information systems basically including the concepts of tourist, urban people, local administrations, businesses, technological environment, political environment, social environment, economic environment and ecological environment figure 1.

In general, TISs can be defined as computer-aided systems through which tourists can access the information they search simply and fast. TISs provide information for tourists on information, accommodation, transportation, destination and other services. The interface of TIS forms the map or city plan of a tourism region. In accordance with the purposes of tourists and tourism (politic, economic, social and technological), information such as historical places, national parks, transportation routes, lakes, etc. takes place on this map or plan. As maps are the mediators of visual information presenting for tourists, the unlocational information for tourism must be relevant to the location information. The system includes storage, processing, analysis of these data and their submission to users by updating them figure 1.[5]
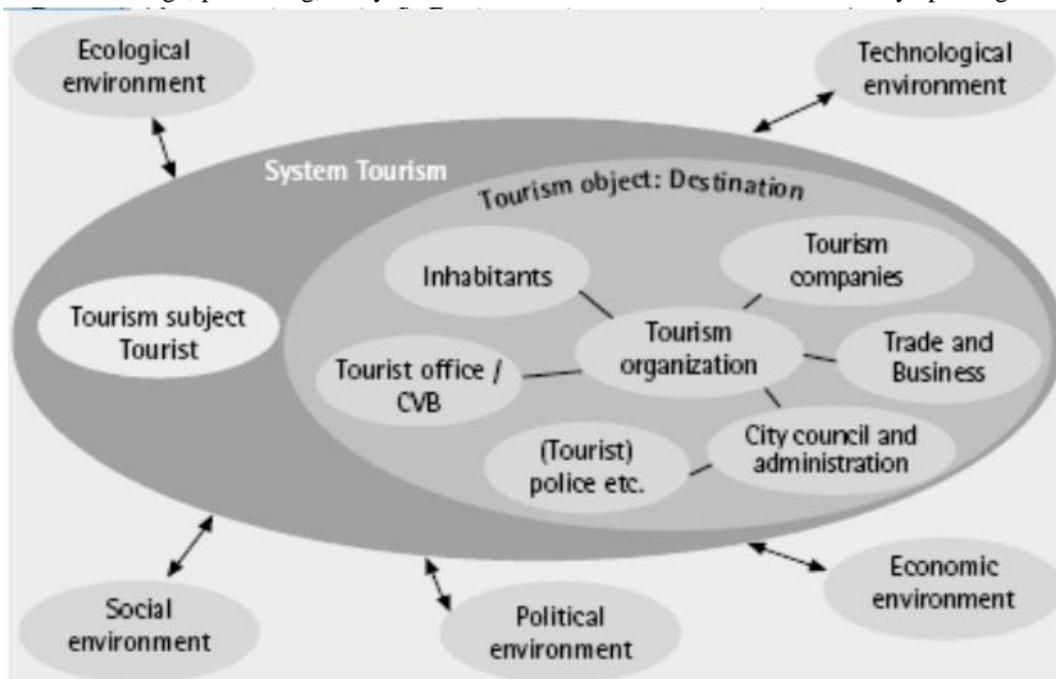

Figure 1. Cycle in tourism information systems (Etravelweek, 2016)[6]
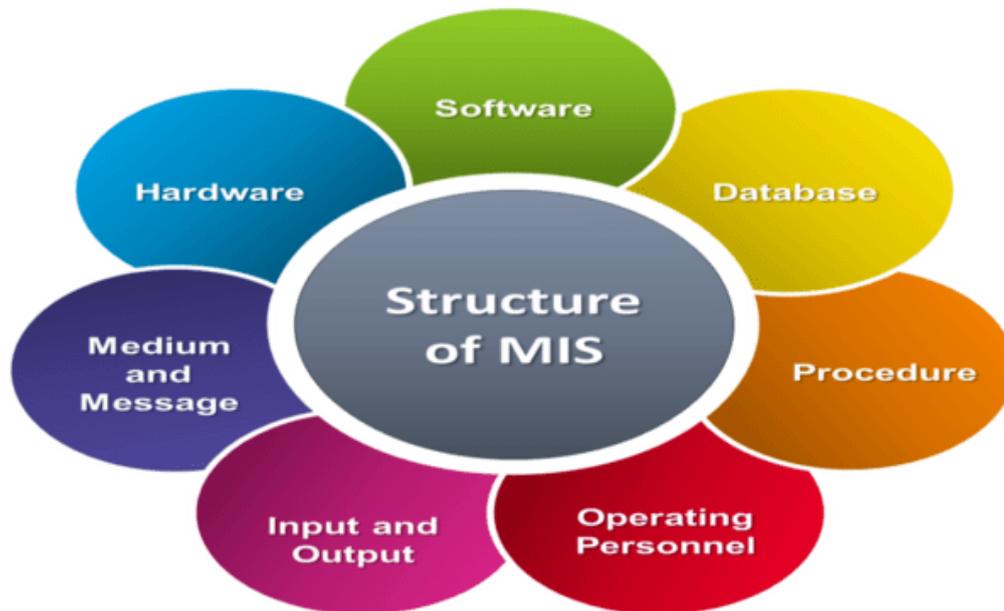
III. THE MANAGEMENT INFORMATION SYSTEM

According to the managers of an enterprise or an organization, Management Information System is an implementation of the organizational systems and procedures. Today, it's relying largely on technology to compile and present data, but the concept is older than modern computing technologies. We will share with you in this article the definition of Management Information System its objectives and characteristics.

Management Information System, often referred to simply as MIS , is a planned system of collecting , storing , and disseminating data in the form of information needed to carry out the functions of management .

As you notice , it's composed from three terms : Management , Information and System .

1. Management : Management covers the planning, control, and administration of the operations of a concern.
2. Information : Information means the processed data that helps the management in planning, controlling and operations.
3. System : A system is made up of inputs, processing, output and feedback or control .

Thus Management Information System means a system for processing data in order to give proper information to the management for performing its functions .[2]

Figure 2. The structure of Management Information System

IV. THE OBJECTIVES OF MANAGEMENT INFORMATION SYSTEM

The main goals of an MIS are to help executives of an organization make decisions that advance the organization's strategy and to implement the organizational structure and dynamics of the enterprise for the purpose of managing the organization in a better way for a competitive advantage .[2]

These are some goals of an MIS :
1. Capturing Data.
2. Processing Data.
3. Information Storage.
4. Information Retrieval.
5. Information Propagation .

V. CHARACTERISTICS OF MANAGEMENT INFORMATION SYSTEM

The most important characteristics of an MIS are those that give decision-makers confidence that their actions will have the desired consequences , and among this characteristics we can mention :

*   It should be based on a long-term planning.
*   It should provide a holistic view of the dynamics and the structure of the organization.
*   It should be planned in a top-down way.
*   It should be based on need of strategic, operational and tactical information of managers of an enterprise.
*   It should be able to make forecasts and estimates, and generate advanced information.
*   It should create linkage between all sub-systems within the organization.
*   It should have a central database .

Nowadays , with the advanced technology presents in the world , to be a successful manager , you should have a very powerful and effective MIS that presents all the most relevant and useful information for a particular decision.[2]

VI. CONCLUSIONS

The tourism management information system is a very fast growing sector. In recent years, information technology is used in every area of life, it is influential in the establishment of the tourism potential of the city. This system shall describe the interface requirements for visiting the information system of famous beaches in Myanmar. They specify the way the user shall interact with the system as well as define the necessary hardware requirement and software requirement are collected to store and retrieve data. This system can give the detail information of beaches without waste time and can solve the problems that related to find information of most famous beaches in Myanmar. The important determinant of the tourism development on an international scale is a high efficient information technology.

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