



Travel and Tourism Website

Swapnil Chitransh¹, Satyansh Upadhyay², Suryansh Chaubey³, Prakhar Goyal⁴

^{1,2,3,4} Undergraduate Students, Information Technology Department, Institute of Technology and Management GIDA Gorakhpur, Uttar Pradesh, India.

How to cite this paper:

Swapnil Chitransh¹, Satyansh Chaubey²,
Suryansh Chaubey³, Prakhar Goyal⁴ "Travel and
Tourism Website", IJIREE-V3I06-128-130.

Copyright © 2022 by author(s) and 5th Dimension
Research Publication.

This work is licensed under the Creative
Commons Attribution International License (CC
BY 4.0).

<http://creativecommons.org/licenses/by/4.0/>

Abstract: This project "Travel and Tourism Website" is used to automate all process of the travel and tourism, which deals with creation, booking and confirmation and user details. The project is designed HTML-JavaScript as front end and Microsoft SQL Server as backend which works in any browsers. The coding language used HTML, CSS, Java Script. Travel and tourism management system is used to book a tour from anywhere in the world by a single dynamic website which will help the user to know all about the places and tour details in a single website. The admin can add packages to the website from a certain travel agents and hotels by create a tour page. Then the users can sign in and book each project, they can be confirmed by the admin in their manage booking page. The user can see the confirmation in my booking page. It is an easiest platform for all travelers which can be easily booked and know the all details.

Key Word: Travel and tourism management, travel packages, tourism, package booking.

I. INTRODUCTION

Travel and tourism management system is used to book a tour from anywhere in the world by a single dynamic website which will help the user to know all about the places and tour details in a single website. The admin can add packages to the website from a certain travel agents and hotels by create a tour page. Then the users can sign in and book each project, they can be confirmed by the admin in their manage booking page. The user can see the confirmation in my booking page. It is an easiest platform for all travelers which can be easily booked and know the all details. Tour Management system is a dynamic website for tourism business. It is dynamic and responsive web design. It is also called travel technology solution for agencies & tour operation. Nearly Everyone goes on a vacation for this 'a Tourism management system' would play a vital role in planning the perfect trip. The tourism management system allows the user of the system access all the details such as location, events, etc. The main purpose is to help tourism companies to manage customer and hotels etc. The system can also be used for both professional and business trips.

In the existing system, each task is carried out manually and processing is also a tedious job. In previous system travelers were maintaining time table details manually in pen and paper, which was time taking and costly. The travelers are not able to achieve its need in time and also the results may not be accurate. Because of the manual maintenance there are number of difficulties and drawbacks exist in the system. Some of them are

- Increased transaction leads to increased source document and hence maintenance becomes difficult.
- If any admin, user entry is wrongly made then the maintenance becomes very difficult.

The proposed system is designed to be more efficient than the manual system. It invokes all base tasks that are now carried out manually, such as the forms transactions and reports which is added advantage. The proposed System is completely computer-based application. Thousands of records can search and displayed without taking any significant time

- Gives accurate information
- Simplifies the manual work
- It minimizes the documentation related work
- Provides up to date information
- Friendly Environment by providing warning messages.
- travelers' details can be provided
- booking confirmation notification

II. LITERATURE REVIEW

The tourism industry has always been considered as an industry that brings many benefits and profits to India. Now, the tourism industry not only attracts domestic tourists but also brings a large number of tourists from abroad. According to statistics from tourism.gov.in newspaper. "Total revenue from tourists reached 755 trillion INR (equivalent to 32.8 billion

USD)", "Direct contribution of tourism: 9.2% of GDP.

However, with the Covid 19 epidemic, the worldwide tourism industry has been "frozen" and India's tourism industry has also been significantly affected.

According to the UNWTO report, the number of international tourists globally in 2020 will decrease by 1.1 billion. Total global tourism revenue lost \$1.1 trillion; about 100-120 million orders in the industry lost their jobs.

In this literature review, the most information available on India's tourism industry, from which businesses need to have new strategies, is more suitable to the actual situation. This research article will help Vacation Travel better understand the needs and factors affecting customers when booking tours.

Since then, this research is considered necessary before Vacation comes up with a new strategy: Creating an e-commerce site.

Before the technology 4.0, India also gradually used technology in life more than before. According to statistics of Okla., a company that owns the world famous Speed Test measuring tool, said that broadband internet in India reached 47.66 Mbps in April 2020.

From the data that INETWORK shares, the number of people using social media in India has increased quite quickly with a specific increase of 57 million people (i.e. an increase of more than +9.6%). These statistics are from April 2019 to January 2020.

Also according to INETWORK, in India we have more than 845.8 million mobile data network connections in India as of January 2020. That means each person can use multiple mobile devices. Different people alternately do some things such as: entertainment, work... The battery power on mobile devices is limited, while the total amount of time they use the internet is too much during the day.

Through those actual figures, we once again see that using the internet is already a part of India's people's lives. Therefore, based on the above data, we can prove that: It is perfectly reasonable for us to develop a new foundation for our business strategy and can bring high profits.

This is also considered a bridge, which helps businesses connect with customers more easily in the face of the stressful pandemic situation and travel difficulties.

The Covid-19 pandemic suddenly appeared and spread around the world, affecting not only the tourism industry but also the psychology of tourists. In India, along with the gradually recovering tourism, the tourism demand of tourists has also been changing.

In the middle of May, after the end of social distancing in India, the Ministry of Tourism and Indian Express electronic newspaper conducted a survey with nearly 2,000 people about post-Covid domestic tourists. -19.

With this survey result, it can be one of the useful suggestions for tourism units to recover the smokeless industry after Covid-19. The survey showed that tourism demand in India began to recover from mid-July - when social distancing was eased until now. More than 53% of people said they are ready to travel this summer.

Covid-19 has impacted online shopping habits. This trend is reflected in the fact that tourists choose to book tours themselves directly (62%) and book hotels/tours via online platforms (44%).

According to the Tourism Advisory Council, through this survey, it can be seen that the behavior of domestic tourists in India after Covid-19 has changed a lot compared to before Covid-19. We need to think about restructuring tourism businesses, tourism products, promoting destinations to meet the needs and new trends of the domestic tourism market after Covid-19.

The need to focus on e-commerce

Ministry of Tourism conducted a survey in September with around 1,000 people to see the psychology and behavior of tourists. According to the survey results, 58.2% of the respondents admitted that they were afraid to go to tourist destinations that were affected by the epidemic. Besides, the trend of buying travel insurance is also increasing. This comes from the risks when traveling during the epidemic time has not been completely controlled.

This survey also reaffirms that small group and short-term tourism is a priority after the epidemic. In addition, customers also prioritize disease-free destinations and safe destinations. The ratio of these two priorities is 31.2% and 26% respectively. Guests' top priority is financial ability (32.7%).

Based on the survey, this unit offers a number of solutions for travel businesses. First, they have to transform their marketing, sales consulting and customer care forms through online platforms. With 87% of guests wanting to receive incentives directly on the tour price, the survey unit suggested that travel businesses and airlines connect to create cheaper travel combos. In addition, the tourism industry needs to work with the insurance industry to create new travel packages. When customers buy tours, travel agencies need to encourage them to book more insurance to create peace of mind.

Those are specific examples and data that will help tourism management agencies, localities and tourism businesses better understand the thoughts of tourists, thereby building suitable tourism products, and at the same time conduct more effective domestic tourism stimulus campaigns during the Covid-19 pandemic.

Through the data reported above, we can see that developing an e-commerce platform in this period will be a good strategy.

However, in order to implement this strategy, firstly through a study on the factors that decide to buy tours of customers, it will help Vacation Travel get more specific data, as well as understand the important points that the above data will be evaluated by customers who have purchased tours at Vacation Travel.

Admin authentication

This module is mainly based on admin. System will check the admin user name and password for authentication. After the verification for authorization the admin can be able to precede the process. All works are done under his control.

User Registration

This module covers the details about the registration of users which they can be register by itself by adding data like name, password, email id and further details. After registration they can be sign in by their username and password.

Package Creation

The admin can create packages by creating package page which the type, price, details, place details all the travel tour package details can be added here. Which it will be showed in user homepage.

Package booking

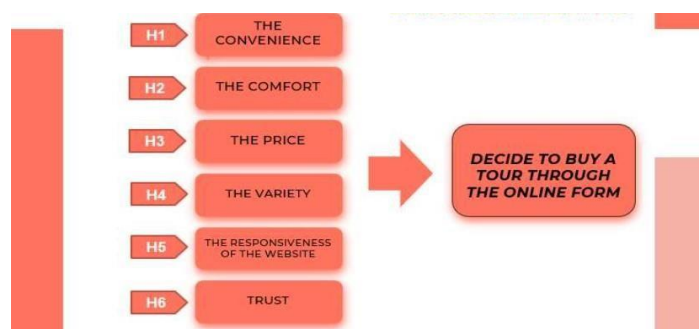
In this module maintain the booking of travel packages by the user by selecting a various package with date and certain comments.

Booking confirmation/manage

Booking confirmation is the process of confirming the booked packages by the admin that is booked by the user with date and comment. Also, admin can manage the booking by cancelling.

Issue ticket

Tickets can be issued for the user in the issue ticket page in the homepage of user the certain booked packages only can be issued.



III.CONCLUSION

This web application was successfully created and stored all the travel admin tourism packages booking, creation managing and tour details into the database using this application. The application was tested very well and the errors were properly debugged. Testing also concluded that the performance of the system is satisfactory. All the necessary output is generated. This system thus provides an easy way to automate all the functionalities of consumption. If this application is implemented in few consumptions, it will be helpful. Further enhancements can be made to the project, so that the website functions in a very attractive and useful manner than the present one. It is concluded that the application works well and satisfy the needs. The application is tested very well and errors are properly debugged. It also acts as the sharing of files to the valuable resources.

Reference

- [1]. Azevedo, D. (2009). *Proposal of Home Website Evaluation model in Tourism*.
- [2]. Blain, C. (2005). *Destination Branding and Practices from Destination Management Organizations*. *Travel Research*, 43, 328-338.
- [3]. Brey, E., So, S., Kim, D., and Morrison, A. (2007). *Web-based permission marketing: segmentation for the lodging industry*. *Tourism Management*, 28(6) 1408-1416.
- [4]. Cavia, J. F., Rovira, C., Luque, P. D., and Cavaller, V. (2014). *Web Quality Index (WQI) for official tourist destination websites. Proposal for an assessment system*. *Tourism Management Perspectives*, 9, 5-13.