
TRAVEL AND TOURISM MANAGEMENT SYSTEM

Asit Joshi*¹, Ayush Choudhary*², Deepakshi Choudhary*³,

Deependra Singh Parihar*⁴

*^{1,2,3,4}Department Of Computer Science And Engineering, Acropolis Institute Of Technology
And Research, Indore, Madhya Pradesh, India.

ABSTRACT

This paper examines or provides a theoretical perspective on “TRAVEL AND TOURISM MANAGEMENT SYSTEM” that is used to automate all process of the travel and tourism, which deals with creation, booking and confirmation of user details. As travel and tourism became an essential part of our lives in recent world, so it is required to organize things in a way that everything should be available at one place, so a framework for understanding and creating knowledge about travel and tourism is presented. 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 about all the places and tour details in a single website. This paper focuses on insights of tourism, research, objective and emerging themes and issues. It also presents a roadmap for research activity of travel and tourism management system.

Keywords: Automate, Booking, Confirmation, Dynamic.

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 through create a tour page. Then the users can sign in and book each package, then it can be confirmed by the admin in their manage booking page. The user can see the confirmation in my booking page. It is a easiest platform for all travellers which can be easily booked and know all the 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 other words, in line with the increase in the demand for tourist services, a distinct offer of services has gradually developed, whose volume and structures imposed the organization and continuous improvement of an economic and organizational program able to guide the services provided by tourists. According to the steps, a tourist travels from the permanent residence to the destination and back, e.g. there is a complex of activities designed to meet the various consumption needs.

Tours & Travel Management System is an web application which will help in maintaining the operations performed related to sight-seeing and travelling. Most of the people in this world like to travel from one place to another no matter whether it is a small or large distance. Some people like to travel by train, flight, bus or by any other means of transport. The tours & travel management system application is designed for the travel agency in which there is an option of doing the railway or air ticket reservation in order to reach the intended destination. The tours & travel management system application is one of the applications that will help the customers to book the air ticket or the railway tickets through this application of the travel agency. Booking of tickets will be done with a great ease and without any difficulty. This will be one of the interesting projects that one can work on and implement in real time world. The user interface must be simple and easy to understand.

II. METHODOLOGY

Travel is more an emotional getaway rather than a necessity. It is driven by cumulated emotions and social influences. As we see the trends evolving, images and videos drive emotional responses effectively than text. Hence, the visual component on your travel website plays a major role in influencing a visitor into action. As there are multiple services involved in planning an entire vacation, the workflow is of utmost importance. If the

user can glide through your Travel website with smooth navigation and seamless workflow, this contributes to the overall user experience.

Considering all these factors and with the intention of providing a solution which covers all the aspects of a proper organized trip we are developing this website to show our idea of a proper vacation in different part of our countries.

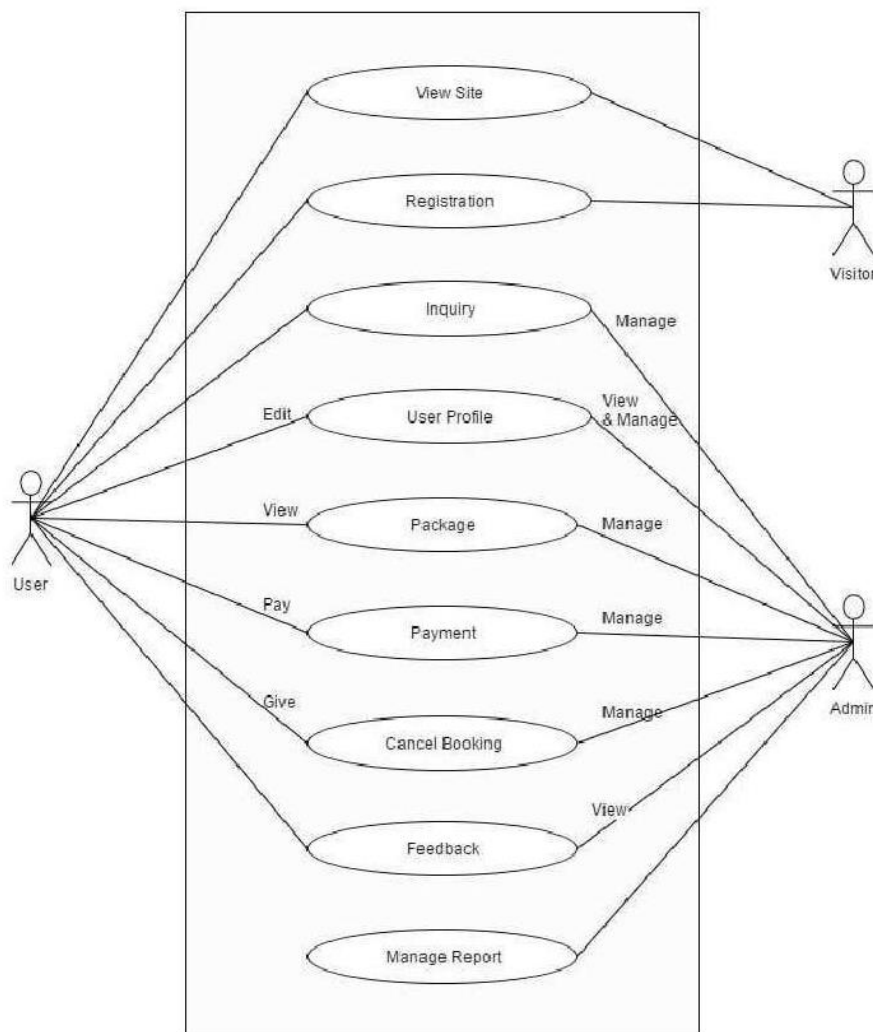


Figure: Use Case showing the working of Travel And Tourism Management system

First of all, we will develop a website for our work. On that website we will have the following features –

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. PERFORMANCE EVALUATION

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.

The proposed system is completely menu-driven. It is a powerful tool for interactive design. It helps the user comprehend the range of alternatives available and also prevents them from making an invalid selection. All entry screens are interactive in nature. It has been designed taking into account all the constraints of the end-user.

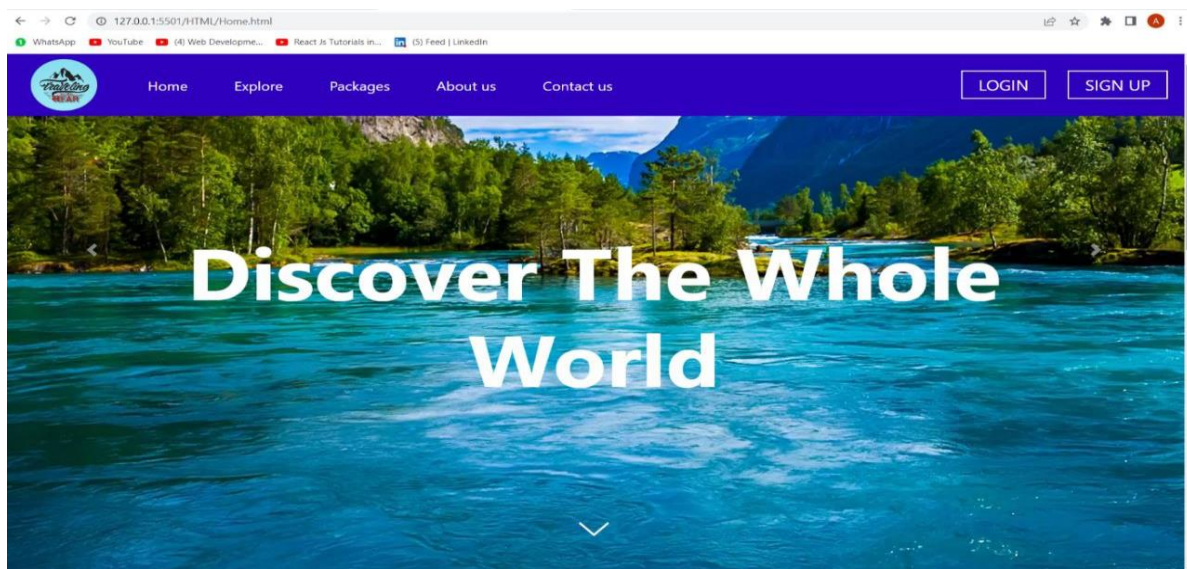


Fig 1: Home Page For User

When a user creates a new account on a website, they create a unique ID and key that will be used in the future to verify their identity and allow them back into the account. That ID and key are then stored in a highly secure web server to compare future credentials against. On an increasing number of websites the login input fields (email and password) are very similar, if not exactly the same as the registration input fields (email and password). It's important therefore to clearly differentiate the two, and to minimise the chance of users accidentally attempting to login in via the registration form.

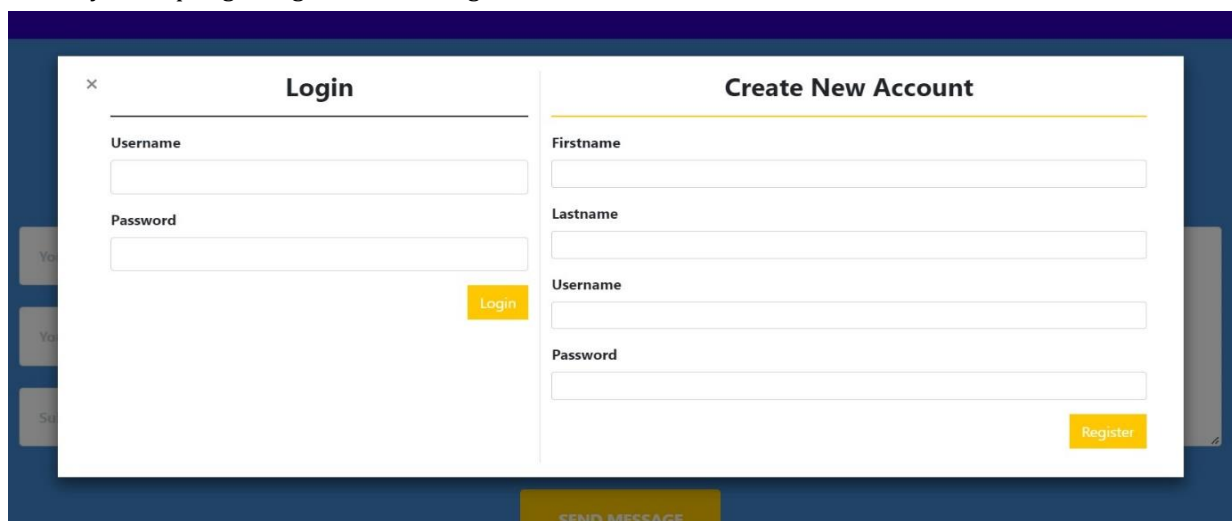
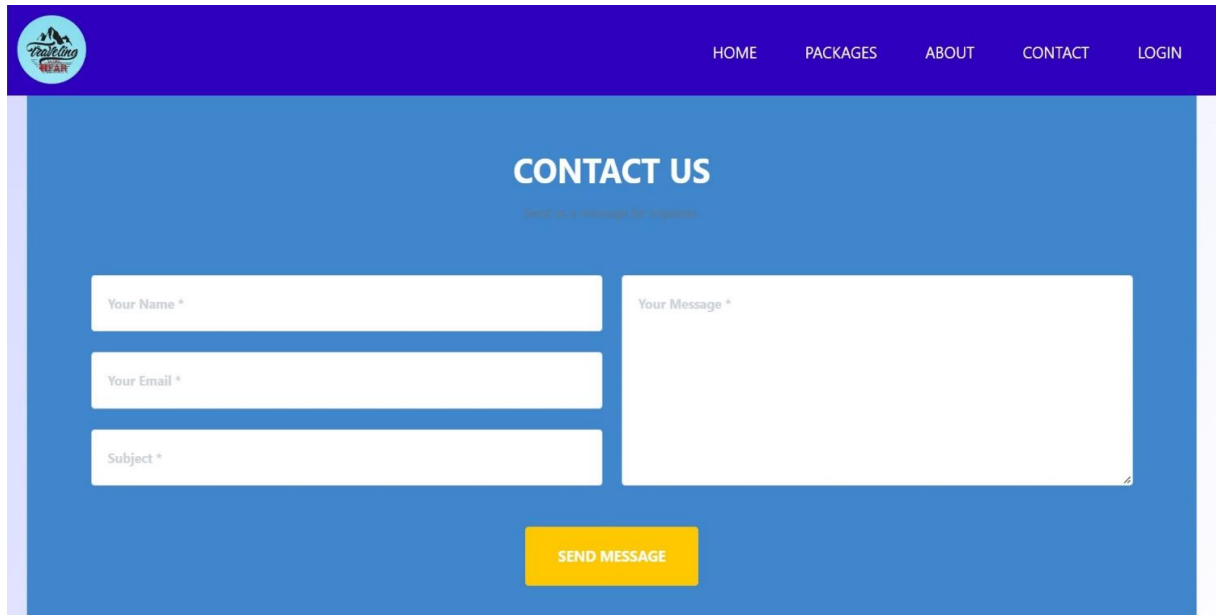


Fig 2: Login and Sign up Page For User

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.



CONTACT US

Send us a message for inquiries.

Your Name *

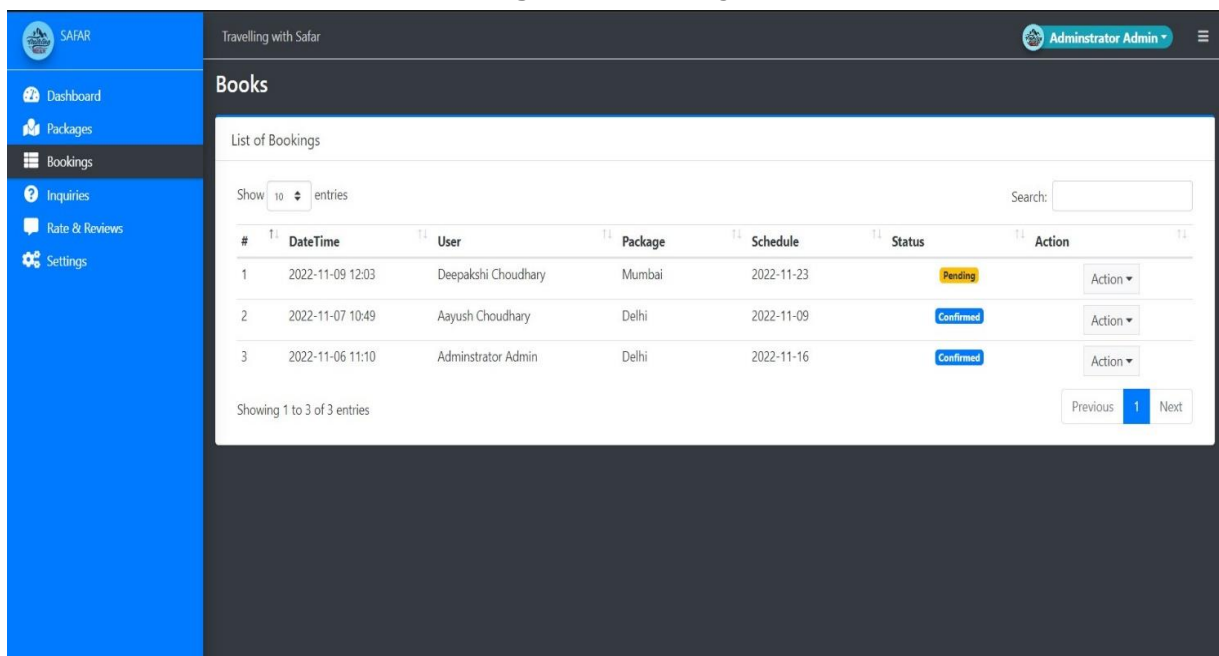
Your Email *

Subject *

Your Message *

SEND MESSAGE

Fig 3: Contact us Page



SAFAR Travelling with Safar Administrator Admin

Books

List of Bookings

Show 10 entries Search:

#	DateTime	User	Package	Schedule	Status	Action
1	2022-11-09 12:03	Deepakshi Choudhary	Mumbai	2022-11-23	Pending	Action
2	2022-11-07 10:49	Aayush Choudhary	Delhi	2022-11-09	Confirmed	Action
3	2022-11-06 11:10	Administrator Admin	Delhi	2022-11-16	Confirmed	Action

Showing 1 to 3 of 3 entries

Previous 1 Next

Fig 4: Booking confirmation/manage Page

IV. CONCLUSION

Here we have presented the design of a tour management system that can provide the users with the required tourism guidance required anytime and anywhere. This is a combination of smartphone and Internet services. The tour management website contributes a reasonable way for the users to schedule their trips, since it provides detailed information about the tourist places including description, image and map. This method includes various features/services such as delivering customized packages, the distance between the source and destination location, Google maps, online ticket booking, etc. This process achieves its main goal by pertaining to real-time data.

V. REFERENCES

- [1] Shan Li; Xueli Duan; Yanxia Bai; Caixia Yun, "Development and Application of Intelligent Tour Guide System in Mobile Terminal" Seventh International Conference on Measuring Technology and Mechatronics Automation, pp.383-387, 2015, DOI:10.1109/ICMTMA.2015.98
- [2] Zhou F, Zhao M, Sun Z, Zhao J & Gong Z. (2014), "The application of intelligence tourism mobile client based on ontology" Journal of Chemical and Pharmaceutical Research, Vol. 6(Issue 5), pp 258-265.
- [3] Abdulhamid S.M. & Gana U. (2010). Destination Information Management System For Tourist: Computer Science and Telecommunications. Georgian Electronic scientific journal, vol 6(issue 29).
- [4] Adebayo, W. J. (2014). The Economic Impact of Tourism Development. Journal of Tourism, Hospitality and Sports, Vol.2.
- [5] Anastasia A., Panagiota D. & Georgios M. (2012). A Web-based Prototype System For Personalized Tourism Destination Discovery And Management. Technological Educational Institute of Athens, Athens.
- [6] Adora, C. U. (2010). Managing Tourism in Nigeria. Management Science And Engineering, Vol. 4(1), pp. 14-25.