



Travalong– A tourism management with image search system using pixabay

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Abstract— The main purpose of “Online tour booking website” is to provide a convenient way for a customer to book hotels, flight, train and bus as a single package for tour purposes. A customer finds it very difficult to search for the best package as he/she has to browse multiple websites, contact many travel agents, etc. which is a tedious process and is time consuming. There should be a system where the user should find the best package on the Internet with a single click. To address this issue, we created an online tour booking website which offers the best package among all the other packages that are on the web. A customer will select a travel package for a particular place based on the recommendations provided by the previous customers who had experience with the package. If the customer likes to visit a particular place, they can easily search the place on the website. They can also suggest a customized package and send it to us through the contact page. We included a map view for the specified route. The website is very user-friendly which helps the user to book easily. They can directly contact us through the mail facility given on the contact page. The objective of this project is to develop a system that automates the processes and activities of a travel agency. In this project, we will make an easier task of searching places and for booking train, flight or bus. This application is to provide best traveling services to the customers and travel agents. We have developed tours and travel management systems to provide a search platform where a tourist can find their tour places according to their choices. This system also helps to promote responsible and interesting tourism so that people can enjoy their holidays at their favorable places. This system also helps to develop tourism with different cultures so that they enrich the tourism experience and build pride. We develop this system to create and promote forms of tourism that provide healthy interaction opportunities for tourists and locals and increase better understanding of different cultures, customs, lifestyles, traditional knowledge and beliefs. This system also provides a better way to connect with various events.

Keywords—Tour,onlinebooking,pixabay

I.INTRODUCTION

Tourism, the act and process of spending time away from home in pursuit of recreation, relaxation, and pleasure, while making use of the commercial provision of services. As such, tourism is a product of modern social arrangements, beginning in western Europe in the 17th century, although it has antecedents in Classical antiquity. Tourism is distinguished from exploration in that tourists follow a “beaten path,” benefit from established systems of provision, and, as befits pleasure-seekers, are generally insulated from difficulty, danger, and embarrassment. Tourism, however, overlaps with other activities, interests, and processes, including, for example, pilgrimage. This gives rise to shared categories, such as “business tourism,” “sports tourism,” and “medical tourism”(international travel undertaken for the purpose of receiving medical care). The need for a robust and dynamic tour management application has been around since the advent of the tourism concept. Thus we have developed an application to provide the best traveling services to the customers and travel agents. The Tourism Management System provides a search platform where a tourist can find their tour places according to their choices. This system also helps to promote responsible and interesting tourism so that people can enjoy their holidays at their favorable places and develop tourism with different cultures so that they enrich the tourism experience and build pride. The Tourism Management System is a web based application. The objective of this project is to develop a system that automates the processes and activities of a travel agency. It is tedious for a customer to plan a particular journey and have it executed properly. This project is developed to replace the currently existing system, which helps in keeping records of the customer details of destination as well as payment received. The proposed system is highly automated and makes the traveling activities much easier and flexible. The users can get the very right information at the very right time. This will increase the trust of the customer into the tourism company as well. Tourism has a few major elements – destinations, attractions, sites, such as our state houses a number of heritage sites mainly

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composed of the ancient temples and deities of the Pallava and Chola empire scattered along various parts of Northern and Central-Eastern parts of Tamil Nadu. The following are the list of the Heritage sites in the state. Tamil Nadu situated in the southern end of the Western and Easternghats is the home to several hill stations. Popular among them are Udagamandalam (Ooty), Kodaikanal, Yercaud, Coonoor, Valparai, Yelagiri, Sirumalai, Kalrayan Hills and the Kolli Hills. The Nilgiri hills, Palani hills, Shevaroy hills and Cardamom hills are all abodes of thick forests and wildlife. Tamil Nadu has the credit of having 34000 Hindu temples some of which are several centuries old.^[13] The cities in ancient Tamil Nadu is believed to have revolved around the magnificent temples built by the Pallava, Chola and Pandya empires and therefore most of the cities in the state have a lot of religious significance and contain a number of temples and shrines in and around their limits. Temple towns like Madurai and Kanchipuram are thronged by visitors throughout the year.

II. LITERATURE SURVEY

A pioneer of the travel agency business, Thomas Cook's[1] idea to offer excursions came to him while waiting for the stagecoach on the London Road at Kibworth. With the opening of the extended Midland Counties Railway, he arranged to take a group of 540 temperance campaigners from Leicester Campbell Street station to a rally in Loughborough, eleven miles (18 km) away. On 5 July 1841, Thomas Cook arranged for the rail company to charge one shilling per person; this included rail tickets and food for the journey. Cook was paid a share of the fares charged to the passengers, as the railway tickets, being legal contracts between company and passenger, could not have been issued at his own price. This was the first privately chartered excursion train to be advertised to the general public; Cook himself acknowledged that there had been previous, unadvertised, private excursion trains. During the following three summers he planned and conducted outings for temperance societies and Sunday school children. In 1844, the Midland Counties Railway Company agreed to make a permanent arrangement with him, provided he found the passengers. This success led him to start his own business running rail excursions for pleasure, taking a percentage of the railway fares.

Cox & Kings[2], the first known travel agency, was founded in 1758 when Richard Cox became official travel agent of the British Royal Armed Forces (Cox & Kings, 2014). Almost 100 years later, in June 1841, Thomas Cook opened the first leisure travel agency, designed to help Britons improve their lives by seeing the world and participating in the temperance movement. In 1845, he ran his first commercial packaged tour, complete with cost-effective railway tickets and a printed guide (Thomas Cook, 2014). The continued popularity of rail travel and the emergence of the automobile presented additional milestones in the development of tourism. In fact, a long journey taken by Karl Benz's wife in 1886 served to kick off interest in auto travel.

Neil Leiper (1979)[3], It becomes evident that the terms 'Tourists' Tourism did not exist before sixteenth century "Tourism is the temporary movement of people to destinations outside their normal places of work and residence, the activities undertaken during their stay in those destinations, and the facilities created to cater to their needs"

Hunziker & Krapf of Berne university in 1942 "The Sum of the Phenomenon & relationship from the travel and stay of non residents in so far as they do not lead to permanent residence and are not connected with any earning activity. Tourism defined as " the activities of persons traveling to and staying in place outside their usual environment for not more than one consecutive year for leisure, business and other purpose" (UNWTO)

Kirsner (1997) [4] notes that the components of conversation on the web are control of personal information by the end user, privacy policies, and value exchange. Conversational web sites not only respect people's privacy but offer a dynamic experience with each visit. Smart web site operators are beginning to realize the advantages of knowing their customers and supplying them with relevant content. Microsoft Expedia travel service, for example, will remember what airline routes that their customers travel regularly and keep them informed of the cheapest fares.

Liu and Arnett (2000)[5] proposed a framework to identify website success factors. Four factors that are critical to website success were identified : information and service quality, system use, playfulness and system design quality. In similar lines Al-Mashari and Al-Sanad (2002) listed a number of critical success factors for E-commerce through analyzing several reported case studies of successful E-commerce applications. These factors include user-friendly web interface, top management support, maintaining strong links with customers and suppliers, powering website with strong search engines,



ensuring customer acceptance, and providing up-to-date information. Except a handful of papers related to tourism , online destination marketing and comparative study on tourism related websites have received insufficient attention.

In 1972, Sunil Dutt[6] launched a campaign to promote India as a popular tourist destination. The phrase "Incredible India" was adopted as a slogan by the ministry. Before 2002, the Indian government had regularly formulated policies and prepared pamphlets and brochures for the promotion of tourism, however, it had not supported tourism in a concerted fashion. In 2002, the tourism ministry made a conscious effort to bring in more professionalism in its attempts to promote tourism. It formulated an integrated communication strategy with the aim of promoting India as a destination of choice for the discerning traveler. The tourism ministry engaged the services of advertising and marketing firm Ogilvy & Mather (O&M) India to create a new campaign to increase tourist inflows into the country.

III. EXISTING SYSTEM

A customer has to approach various agencies to find details of places and to book tickets. This often requires a lot of time and effort. A customer may not get the desired information from these offices and often the customer may be misguided. It is tedious for a customer to plan a particular journey and have it executed properly. A customer finds it very difficult to search for the best package as he/she has to browse multiple websites, contact many travel agents, etc. which is a tedious process and is time consuming. Travel data is generally less than the data for other items, such as movies for recommendation, the charges for a travel are considerably more costly than watching a movie. Almost every travel package contains numerous landscapes with lots of people's interest and attractions and thus has intrinsic complex spatial-temporal relationships. For example, a travel package includes landscapes which are geographically aligned together. The existing recommender systems usually rely on data which are gathered and analyzed based on the ratings given by the user, but it is not conveniently available for travel data.

IV. PROPOSED SYSTEM

The proposed system will help tourists to suggest the best Travel Package among all the package deals on the web. In this, a customer will select a travel package for a particular place based on the recommendations provided by the previous customers who had experience with the package. This makes it easy for the user to choose the best package deal. This system also gives tours related information like which places are tourist attractions, cities, and provinces. The website is very user-friendly which helps the user to book easily. They can directly contact the admin through the mail facility given on the contact page. They can also suggest a customized package and send it to us through the contact page. We included a map view for the specified route. The problem of unique features to distinguish personalized travel package recommendations from traditional recommender systems remains pretty open. There are many technical and domain problems designing and implementing the effective recommender system for personalized travel recommendation systems.

V. ADVANTAGES

1. This project is to develop a system that automates the processes and activities of travel and the purpose is to design a system using which one can perform all operations related to traveling.
2. Customers can decide about places they want to visit and make bookings online for travel and accommodation.
3. Customers can view complete travel information with Google Maps, Hotel facilities, Restaurant facilities, vehicle services through online.
4. Feedback and review helps customers to visit particular locations.
5. Customers can search places by entering location.



VI.SYSTEM DESIGN

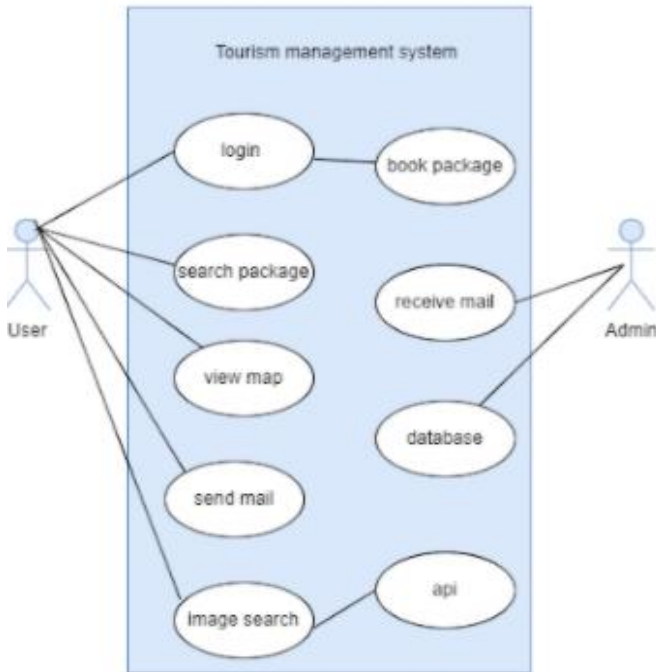


Figure 1

In the above figure 1, the use case diagram shows the relationship between user, system and the admin. The user has functionalities like search package, view map, send mail and image search. The admin has the control over the database and he receives the notification when the customer books a package.



VII.IMPLEMENTATION

Travelong has many unique features when compared to other tourism website. We have mainly concentrated on the interface of the website which should be more appealing to the user and we make sure that our website is very user friendly. The name travelong came from travel+along which means enjoy your holidays by traveling along us. Colors play a vital role in our lives and how we respond to our surroundings. The colors you surround yourself with can influence your perspective and emotions, as well as those around you. So we used mild colors which give peace to our mind.

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Figure 2

Figure 2 shows the landing page of travelong. It is an attractive page which contains a glimpse of tour package with ratings and price. It also has a travel guide which gives us the essentials which need to be done while traveling. Travelling is an amazing way to learn a lot of things in life. A lot of people around the world travel every year to many places. Moreover, it is important to travel to humans. Some travel to learn more while some travel to take a break from their life.



Figure 3

Figure 3 shows the history of Tamil Nadu. This helps the foreigner to know about our valuable culture. Tamil Nadu is famous for its temples, festivals, and celebration of the arts. The Hindu temples and monuments at Mamallapuram have become famous tourist attractions. Tamil Nadu, or land of the Tamils, is the fourth largest state of India and is located in the extreme south of the Indian subcontinent. It is bounded by the Indian Ocean to the east and south, and by the states of Kerala to the west, Karnataka to the northwest, and Andhra Pradesh to the north.



Figure 4

Figure 4 shows the image search system of travelong which shows the popular places in and around the entered place. Here it shows famous places to visit in madurai. Madurai is a city in Tamil Nadu, India. It was the capital of the earlier Pandyan Kingdom. Meenakshi Amman Temple, AyiramKalMandabam (Hall of Thousand Pillars) are some of the important tourist places in Madurai. Madurai is always considered to be a good pilgrim center. The image system uses an API called Pixabay which has all the images. The API will respond appropriately to all the requests.

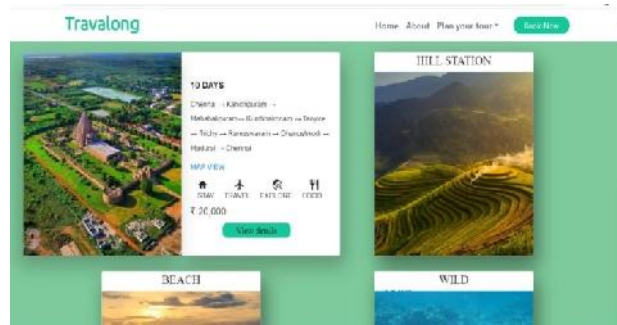


Figure 5

Figure 5 shows the packages module. Here the user can click the view details and they can see the full plan of the corresponding packages. It shows the timings to visit places and the restaurant name in which they are going to stay and many other details. The user can get the exact plan before the travel. Planning is the process of sorting out what you want to include in your essay. A well-planned and organized essay indicates that you have your ideas in order; it makes points clearly and logically.

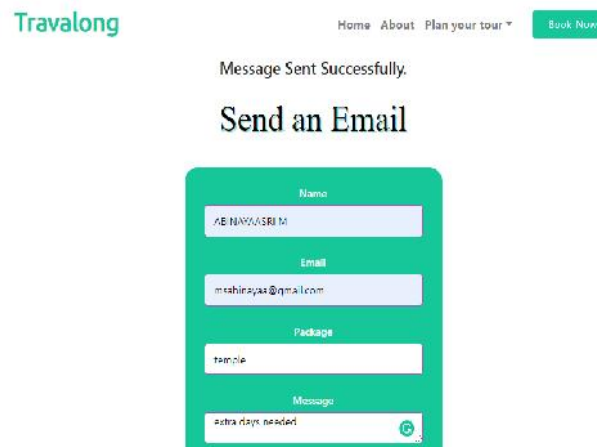


Figure 6

Figure 6 is the contact page of Travalong where the user can book their tour packages. The user can book either the package which we kept in the website or they can customize their own package.

VIII. FUTURE WORK

We are concerned about adding more places to visit in India. It is a country with rich culture and heritage and a large visitor attraction to boast of. India's cultural heritage and ecotourism potential are the major consumer preferences of the tourists visiting India. Its diversity attracts tourists both foreigners as well as its own citizens, to explore scenic beauty that it has to offer the world. There is no other country in the world which offers such wide choice of destinations like India. The sections would also include history tourism, adventure tourism, medical tourism (Ayurveda and other forms of Indian medications), spiritual tourism, beach tourism (India has the longest coastline in the East). Information content provided by the website is an important factor for evaluating the effectiveness of a website. Selecting a tourist destination is a high involvement decision. Hence we would also plan to add more features on search and filter methods. We will post our website in a customer-friendly manner which is easy to use and navigate. When a visitor visits a website they want and expect the website to offer extensive information. If the website is rich in content, the visitors would like to get back to the website as many times as possible. "Seeing is believing". Hence our tourist website will offer a visual treat to visitors visiting our site which has a tremendous impact on visitors' interest in this site. It increases the probability of visiting the destination.

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IX.CONCLUSION

Tourism is fast becoming one of the most functional industries in the world. It makes a great impact in Nations by helping to create employment opportunities, by developing infrastructures, and a very rich source of income and revenue. Hence, the aim of this project entails the design and implementation of a platform that will assist tourists in gaining access to travel to various tourist locations. The project also helped to provide knowledge about the latest technology used in developing web enabled applications and client server technology that will be in great demand in future. It is worth mentioning that this project work is open for further enhancement, with the expectation that it becomes more robust and better enhanced; covering every single tourist site. For a modified system, the user needs to just login into the application and can find the routes ,costs ,hotels ,adventure sports ,transportations and book immediately and complete the booking process for a successful transaction. In the aspect of tourism, Internet and web technologies have made more readily available information on tourist locations, accommodations, transportation, shopping, food, festivals, and other attractions, thus improving the whole tourism experience. This project work will provide a solution to the subject of tourism management, an alternative to the existing manual system and will be readily available to anyone with a device that has a functional browser and access to the internet.

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