

# A Review on TRAVELOPEDIA

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## ABSTRACT

*Tourism is one of the fastest growing and profitable industries. This paper proposes a system for people who want to make a trip to places they are unaware of and wish to explore them. A website is developed which categorizes different tours on their type. According to these categories a user can select a tour and every detail regarding that tour will be displayed. Hence this allows the user to easily know about that place instead of searching the whole internet for the trip he is going to make. Also a tour manager/guide can manually book the trip for user which contains accommodation, food and travel expenses depending on the user's requirements. This website has been implemented for all the tours that can be made in Maharashtra. This website allows the user to easily access all the relevant information and accordingly make his travel arrangements. This website is to display the complete information of destination, travelling options, estimated cost, hotels. Tourist can select the destination and packages according to their likes. It provides list of packages and destination. The main objective behind this project is to make customized software packages.*

**Keyword:** - customized, packages, Maharashtra, tour, searching.

## 1. INTRODUCTION

Tourism is one of the fastest growing and profitable industries. The objective of our project is to develop a website which will be useful for the traveller for finding the best destinations and best packages online. This website basically allows the user to easily access all the relevant information so that he can make his travel arrangements accordingly. Tourism is one of the largest industries in the world and is an ever growing industry. Travel related bookings have been increasing day by day. In this paper an approach is developed to make travel easier. This travel and tourism management is developed using PHP. This system provides entire packages for travel and the design is restricted to the places in Maharashtra. Since tourists have to search for different websites for hotels, car bookings, etc our website involves a whole package of that place which can provide a whole solution for people travelling to that place. Once the user clicks on any place he needs to go our website displays the number of days a person can visit all the places near that selected place and the amount that will be needed for his tour will be displayed. Depending on the users likes, the user can ask any query which will be sent to the database of the website, which in turn will be replied by the tour guide. Another feature of this application is that the tours have been classified according to family tours, religious tours, adventurous tours, national parks, and school and college tours. This paper proposes a system for people who want to make a trip to places they are not aware of and they wish to explore them. A website is developed which categorizes different tours on their type. According to these categories a user can select a tour and every detail regarding that tour will be displayed. Hence this gives liberty to the user to easily know about the places they wish to explore instead of searching the whole internet for the trip he is going to make. Also a tour manager/guide can manually book the trip for user which contains accommodation, food and travel expenses depending on the user's requirements. This website has been implemented for all the tours that can be made in Maharashtra. There are two modules. User can decide about places they want to visit and make bookings online for travel and accommodation. Reduce the extra charges taken by the agents. This website displays the complete information of destination, travelling options, estimated cost, hotels. Tourist can select the destination and packages according to their likes. It provides list of packages and destination. The main objective behind this project

is to make customized software packages. At the front end we have used PHP and we have used Angular JS for dynamic Portal. The project basically contains well-designed forms with validations to ensure consistency, reliability and most importantly correctness of information fed into the database.

## **2. LITERATURE REVIEW**

Tourism has proved to be one of the fastest growing and profitable industries. Bookings related to travel has been increasing day by day [1]. In the earlier days, when the technologies were not invented or when the technologies were yet to prove its impact on the life of common people, almost all the travel related bookings were done manually, be it for accommodations or for travelling options such as buses, trains, etc. This proved to be very tedious for the customers to every time look up to the bookings manually and do all the processes related to travel manually.

Later on with the increasing technologies came many online tours and travels websites which provided almost all the activities related to tours such as online bookings for the tour, accommodations, online ticket bookings for buses, trains, flights. Nowadays, most people who plan a trip or a day-out first initiate a search through the internet [4-5]. These websites proved to be very helpful to the customers; however these websites had some flaws too. These websites provided services only for the packages that were defined in their websites. So if a user wanted to go to a place whose package is not available on the website, then he was unable to do his travel arrangements. Later on with the up gradations in the websites the users were now able to create their own packages according to their interests.

In our website we are providing packages for spots in Maharashtra. We are also giving liberty to the users to create their own packages. We attempt to understand the benefit of letting users customize travel packages [2]. Dynamic packaging is the combination of different type of travel components [3]. The dynamic packages will be created automatically based on the increasing demand for particular spots. We are using Angular JS which will make our website comparatively faster as it will once fetch all the data from the memory and make dynamic changes in the activities without reloading the entire page.

## **3. BODY**

### **3.1 Modules**

#### **3.1.1 Customer Module**

The customers will first have to register to the website by signing up and creating their account. Once the customer successfully registers into the website, the customer will then be able to login to the website and will be able to search and view packages according to their likes. The customers will also be provided with various offers on packages. They will be able to select packages according to their tour plans such as number of days, budget etc. and thereby they will be able to pay for their selected package online. The portal will also allow customers to create their own packages, based on their budget, available days, areas of interest etc. Depending on the increasing demand of particular spots, certain packages will be created dynamically according to the user searches. The customers will also get various discount offers on packages. At last, after completing the tour the customer will be able to submit their feedback for the tour.

#### **3.1.2 Administrator Module**

The admin will be able to create tour packages. It will include destination, duration, spots, travel, accommodation details, food and other facilities etc. The admin will define spots for the package, their visit duration and costing. This will help in creating dynamic package. Admin will be able to view all booked packages and customer data. Based on this customer data, the admin will be able to send reminder email notifications to users. Based on user searches, dynamic packages will be created based on need.

### 3.2 Software and Hardware requirements

- Operating system: Windows 7 or above
- Design Languages: HTML5, CSS3, Bootstrap Framework v3, Angular JS
- Server-side Language: PHP v5
- Back-End: Mysql v5 database

### 4. CONCLUSIONS

Thus, the main advantage of our system is for the people who are unaware of the places they are going to visit and eliminates the user to search the internet for different places.

### 5. FUTURE SCOPE

This website is created for spots in the Maharashtra state. However, it can further be implemented for the rest of the states and also for different countries.

### 6. REFERENCES

- [1] Vaishnavi Bheemarao Joshi, R H Goudar, "Searching, categorizing and tour planning : A novel approach towards e-tourism", *Recent trends in Electronics, Information and Communication technology (RTEICT) , 2017 2<sup>nd</sup> IEEE International conference on recent trends in Electronics, Information and Communication Technology (RTEICT)*.
- [2] Manish Singh, Ria Mae Borromeo, Anas Hosami, Sihem Amer-Yahia, Shady Elbassuoni, "Customizing travel packages with Interactive composite items", *IEEE international conference on Data science and advanced analytics(DSAA), 2009* .
- [3] Juhi Agarwal, R H Goudar, Nishkarsh Sharma, Pratik Kumar, Vishesh Parshav, Robin Sharma, Sreenivasa Rao, "Cost Effective Dynamic Packaging Systems in e-tourism using Semantic Web", *IEEE International Conference on Advances in Computing Communication and Informatics (ICACI)*, pp. 1196-120, 2013.
- [4] Laura Sebastia, Inma Gracia, Eva Onaindia, Cesar Guzman, *etoursim. A tourist recommendation and planning application ICTAI2008*, pp. 18.
- [5] Alexander Smirnov, Alexey Kashevnik, Andrew Ponomarev, Maksim Shchekotov, Kirill Kulakov, "Application for e-tourism: Intelligent Mobile Tourist Guide", *4th International conference on Advanced Applied Informatics*, pp. 40-45, 2015.