

MINI PROJECT-1

(2020-2021)

TRAVELPLANNER

MID-TERM REPORT



Institute of Engineering & Technology

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ABSTRACT

Now-a-days there are many travel packages existing from different websites to almost all the places over the world. 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 could find the best package on the Internet. We adopt Travel Package Recommend System which offers the best package among all the other packages that are on the websites.

This project will help tourist to suggest the better Travel Package among all the package deals on the websites to show. On multiple demands of tourist, 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.

Therefore, according to the personalized recommendations, user will choose the best package that is on the websites. We will evaluate the particular characteristics of the current traveling packages and we mine the data on the tourists rating and the interesting features i.e. locations places, travel seasons etc. Details of different tours which include tours like friendly tours, family tours general tours are available.

In this website we have two ends admin and the user. Admin can add, modify and delete the packages and see all the users details and packages and user can book their packages they can make their account through which we can update them according to their requirements and updation.

INTRODUCTION

1.1 General introduction of the topic

TravelPlanner is a website that provides facilities for easy travel planning. This website is very beneficial for the overall management team and costumers as well. Through this system, we can say Goodbye to our traditional system of file management where we can have kept a bundle of records.

For the customer side, this system is time-saving and effortless as well. Customers do not have to meet any travel agent, do not have to put his/her mind in haphazardly in selecting the travel destination, expenditure, etc. This system does not only help the management team and customers but it can contribute to

the nation's economy as well because the website is completely meant for tourism, where one can plan his/her destination in a very convenient way and at affordable rates.

Tourism has numerous tangible and intangible elements. Major tangible elements include transportation, accommodation, and another component of the hospitality industry. Major intangible elements related to the purpose or motivation for becoming a tourist, such as rest, relaxation, opportunity to meet new people and experience culture. From the admin end, all the entries, trip details, accommodation details, and their schedule, etc. can be entered. So admins have complete control over the website. Apart from this, our website contains all the necessary information regarding the proper planning of the website. From the user end, the user needs to sign up after then only user will be able to login to the website. User can search for different places according to their interest and can see our affordable packages relevant to each trip and also get the necessary information about that particular place.

This website also provides the tourism related to adventures activities like trekking, cycling, mountaineering etc and also provides the types of trips enjoyed by the different professions like child-friendly trips, cultural trips, business travel, volunteer trips, weekend trips etc. and the areas where we can visit for these different activities.

Admin can add travel packages and all the details of particular cities and destinations.

1.2 Area of Computer Science

Web development is the broad term for work involved in developing a website for the internet. Web development can range from developing the simplest static page to complex web based dynamic website for any application, businesses and social networking services.

Using web development we can design different types of website and web application. A more comprehensive list of tasks to which web development commonly refers, may include web engineering, web design, web content development. Among web professionals, “web development” usually refers to the main non-design aspects of building websites that is writing markup and coding.

1.3 Hardware & Software Requirements

Hardware used:

- | | |
|--------------------|-------------------|
| ✓ Processor | - Intel i5 |
| ✓ Operating System | - Windows 10 |
| ✓ RAM | - 4GB |
| ✓ Hardware devices | - Computer system |

Software used:

- | | |
|--------------------|---------------------------|
| ✓ Web technologies | - HTML5, CSS3, JavaScript |
| ✓ Web server | - XAMPP |
| ✓ Language | - PHP |
| ✓ Web browser | - Chrome or firebox |
| ✓ Tools | - Visual Studio Code |
| ✓ Database | - MySql |
| ✓ User Interface | - Web-based |

PROBLEM DEFINITION

The purpose of website is establishes fact that internet users are increasing today. One of the main purposes of the website is to facilitate the offline time in markets trying out the best deal. India is a country where in a few days holiday. We can enjoy a lot. The problem is that we although having many websites but they offer different kind of services. The customers are enjoying a lot but there is a lack of relationship between travel agency and customers and hence we are establishing that relationship by caring and serving all customers in the same manner that we wish to be served and a lack of commitment by tourism operator and traveller to contribute to safeguarding the local environment and culture as well of the host destination.

OBJECTIVE

The system provides online registration, book packages, roadways and airways information to the entire destination. The purpose of this project is that user can create his account he will get the email in order to inform his about his packages information. User can prefer the packages of different types according to his budget. If user just wants to look different cities and destination they can also

view that for visiting our website there is no need to signup but to book the packages one should make the accounts.

Our main objective is to make the user-friendly website so that they can enjoy the holiday of their dreams. It saves lot of time there is fast process any one can work quickly so, the projects helps the people to book the packages according to their requirement and enjoy their dream places. Easily backup services available, updation and modification of project also available in order to meet future requirement as per the user feedback and suggestion.

IMPLEMENTATION DETAILS

The technology for infrastructure tool that can enable web applications would require network bandwidth, computer security, and applications to make electronic business a reality. It is important to make sure that a solution is tightly integrated with other systems and operations. The implementation also needs to have the travel agencies and business provider, customer and government support.

Customer

Customer Engagement efforts that aim to create, stimulate or influence customer behaviour differ from the offline. Customer can use specialization of media such as mobile, Smartphone, online form to enquire about e-tourism.

Web portals

Web portal server is an enterprise-level hosting service that serves the most travel agents around the world 24/7 hours. It ensures that reasonable efforts are made to verify the accuracy, consistency, appropriateness, and timeliness of all information placed on the website. Confirm information placed on the cross-agency website is properly reviewed for message consistency and other concerns before it is released. Establish a management plan and regularly reviewing the site. Provide the necessary resources to support website operations, including staffing and training. Automatic backups to ensure e-tourism web portal and its data will always be safe and sound.

Travel Agent

The role of a Tour Operator is to organize and to provide package holidays. Other roles include, to make contracts with hoteliers, airlines and ground

transport, and to print advertising brochures on chosen holidays. A tour operator differs from a travel agent in that a travel agent give advice, sell and administer bookings provided by the tour operator.

System/Network Administrator

The duties of a system administrator are wide-ranging, and vary widely from one organization to another.

System administration are usually charged with installing, supporting, and maintaining servers or other computer systems, and planning for and responding to service outages and other problems. Other duties may include scripting or light programming, project management for systems-related projects. Designing and planning the network setting up the network maintaining the network expanding the network.

Database Server

Customer is reluctant to book the services online, reluctant to disclose the confidential data such as home address, identification number and credit card number and electronic money transaction. The transaction and payment software must perform correct calculations, especially with respect to taxes and other costs.

Fig.4.1 ARCHITECTURE OF TOURISM WEBSITE

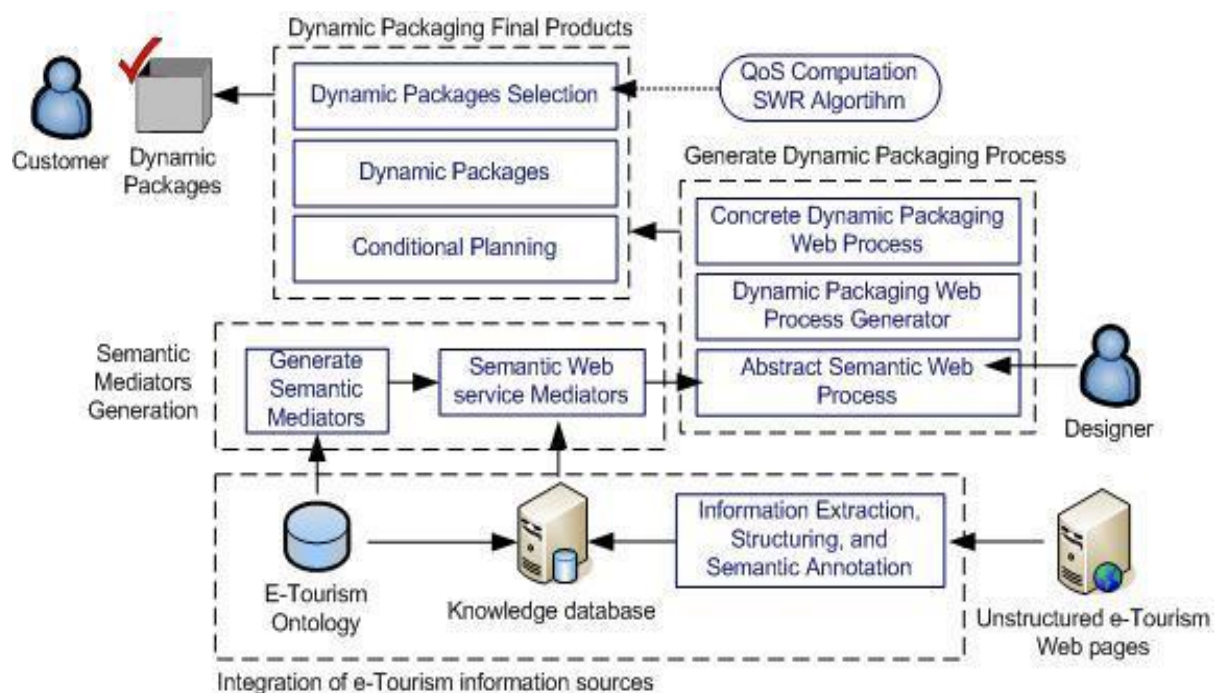
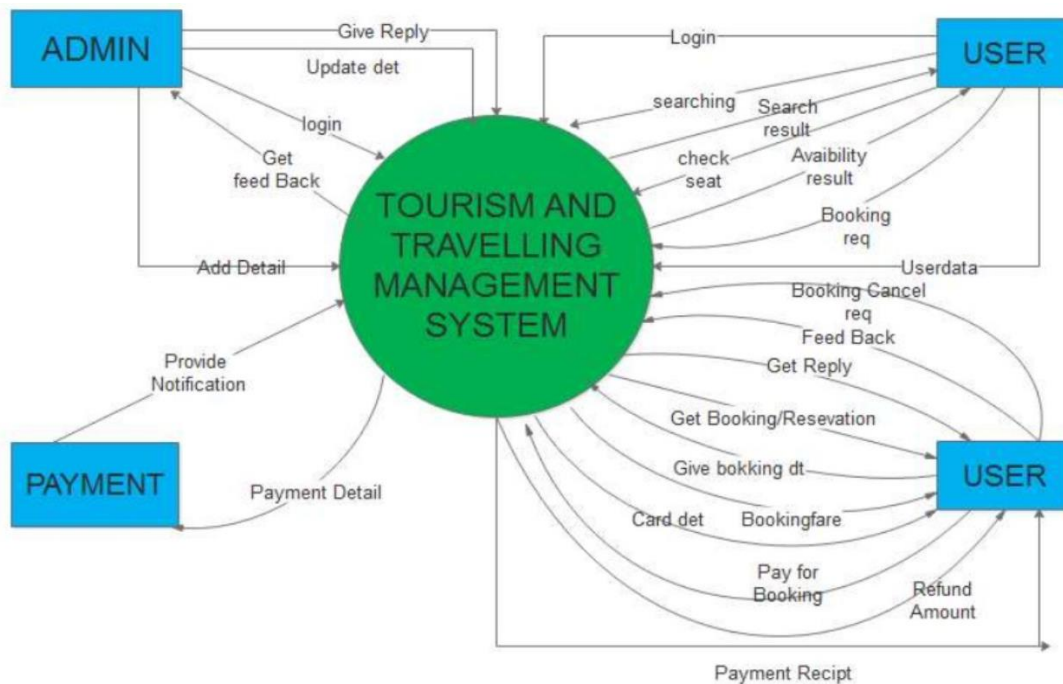


Fig.4.2 DATA FLOW DIAGRAM OF TOURISM WEBSITE



PROGRESS IN PROJECT & REMAINING WORK

5.1 Work done:

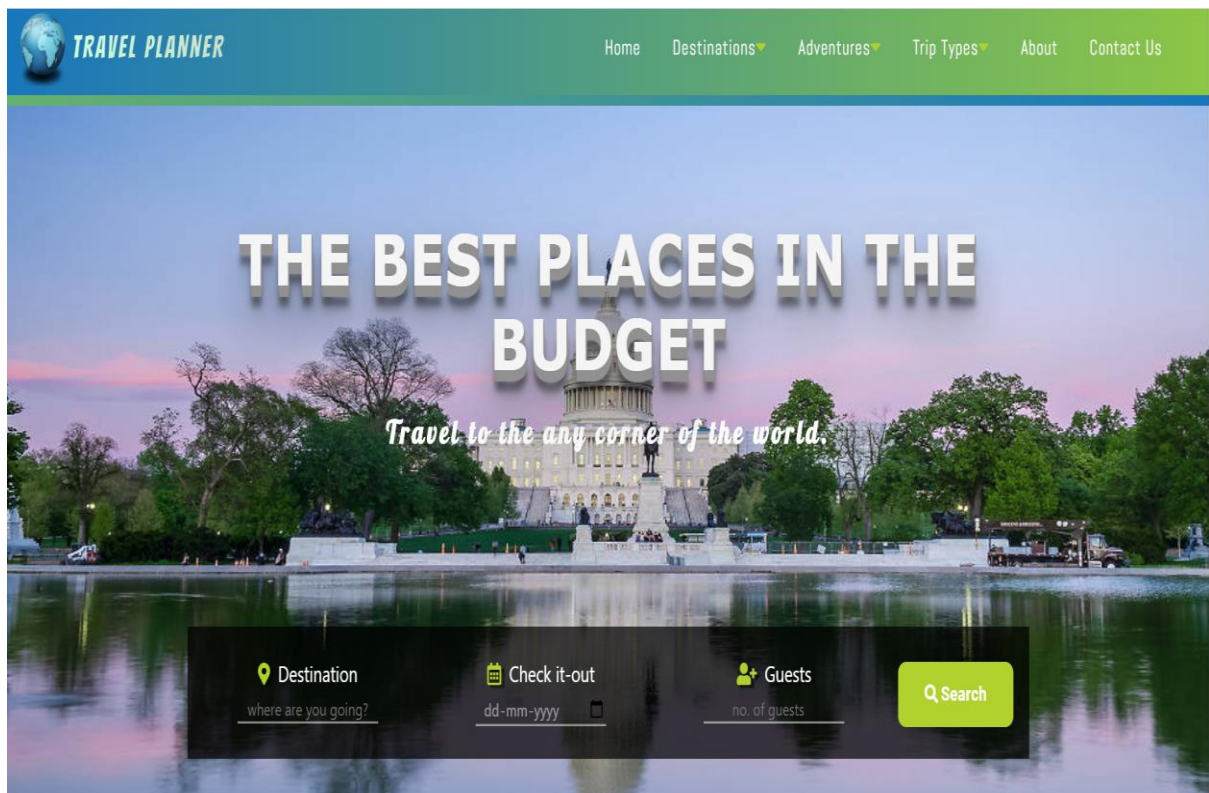
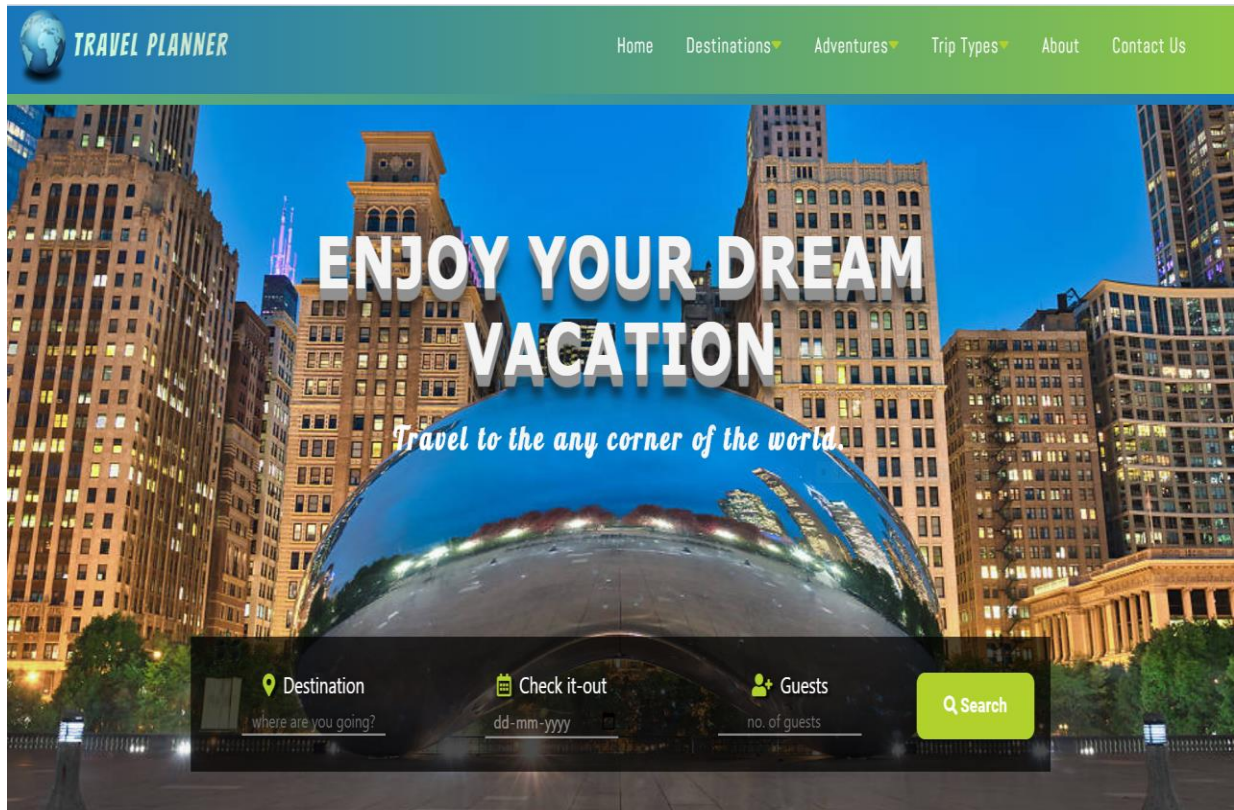
- Making Landing page
- Contact us & About us page
- Different destination gallery page
- Login & Sign up page

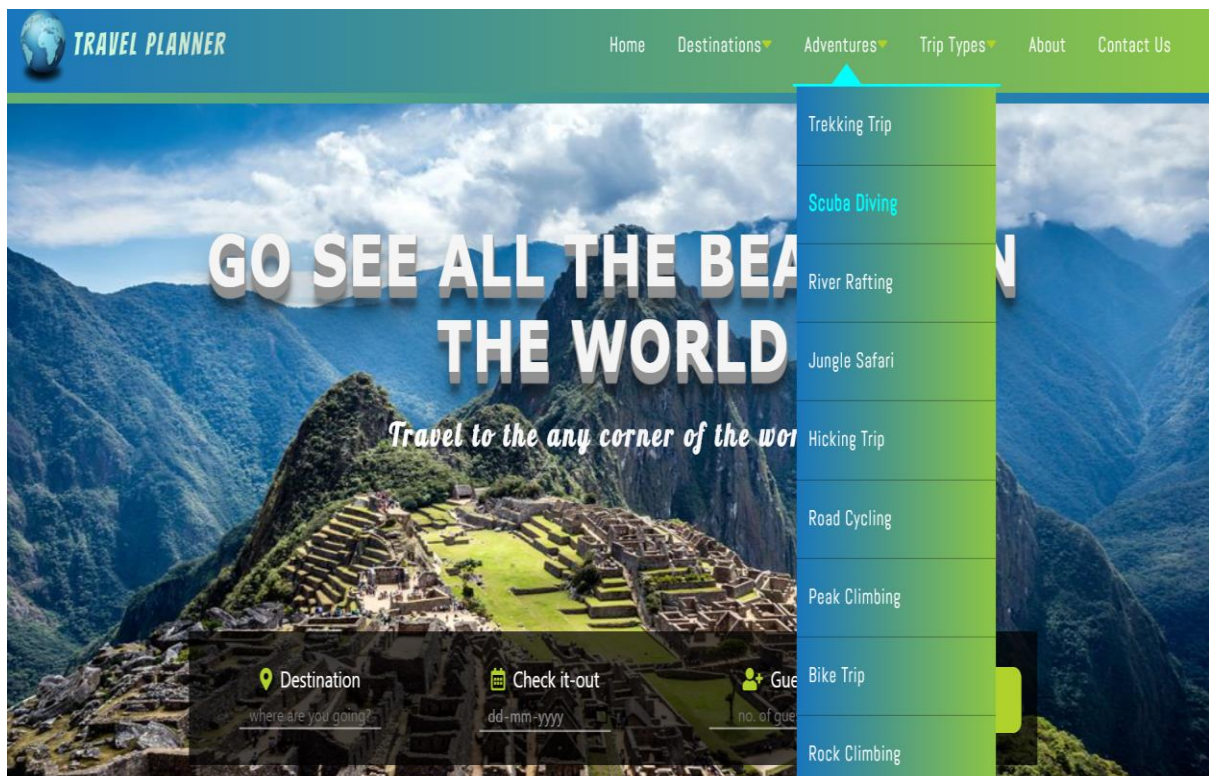
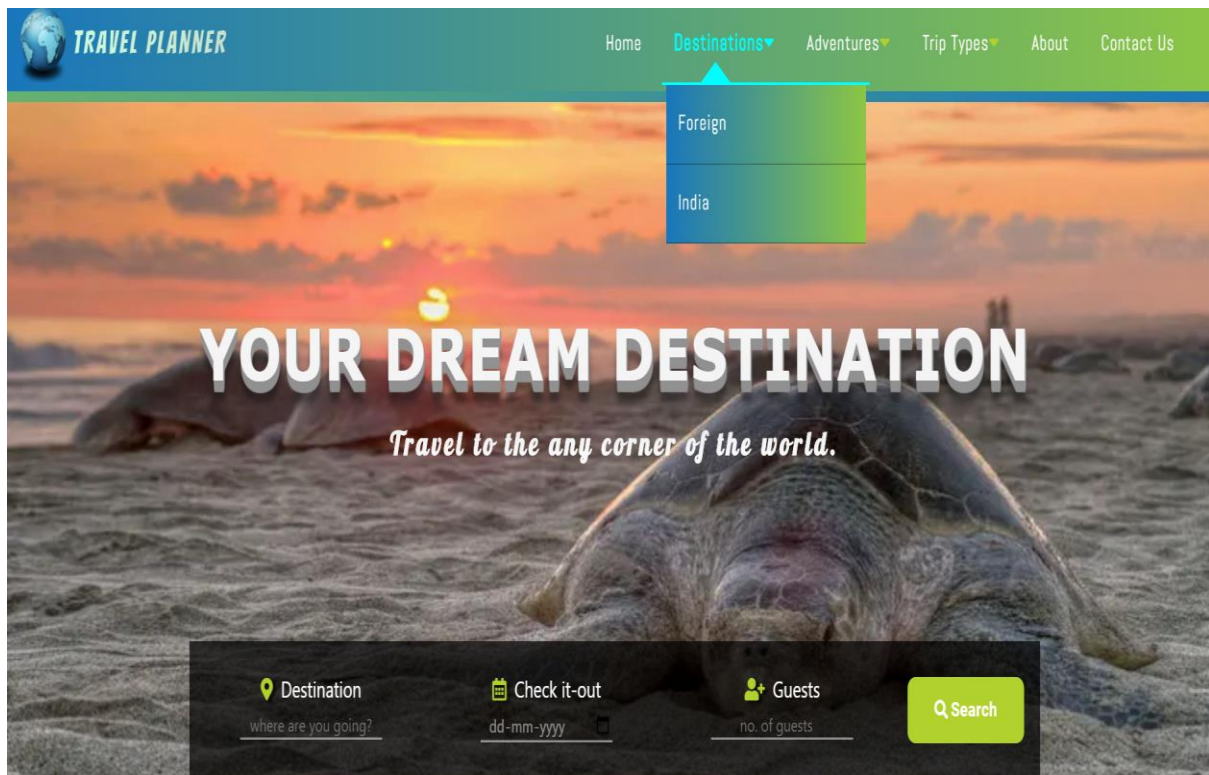
5.2 Work left:

- Adding different packages
- Server-side programming
- Making Database

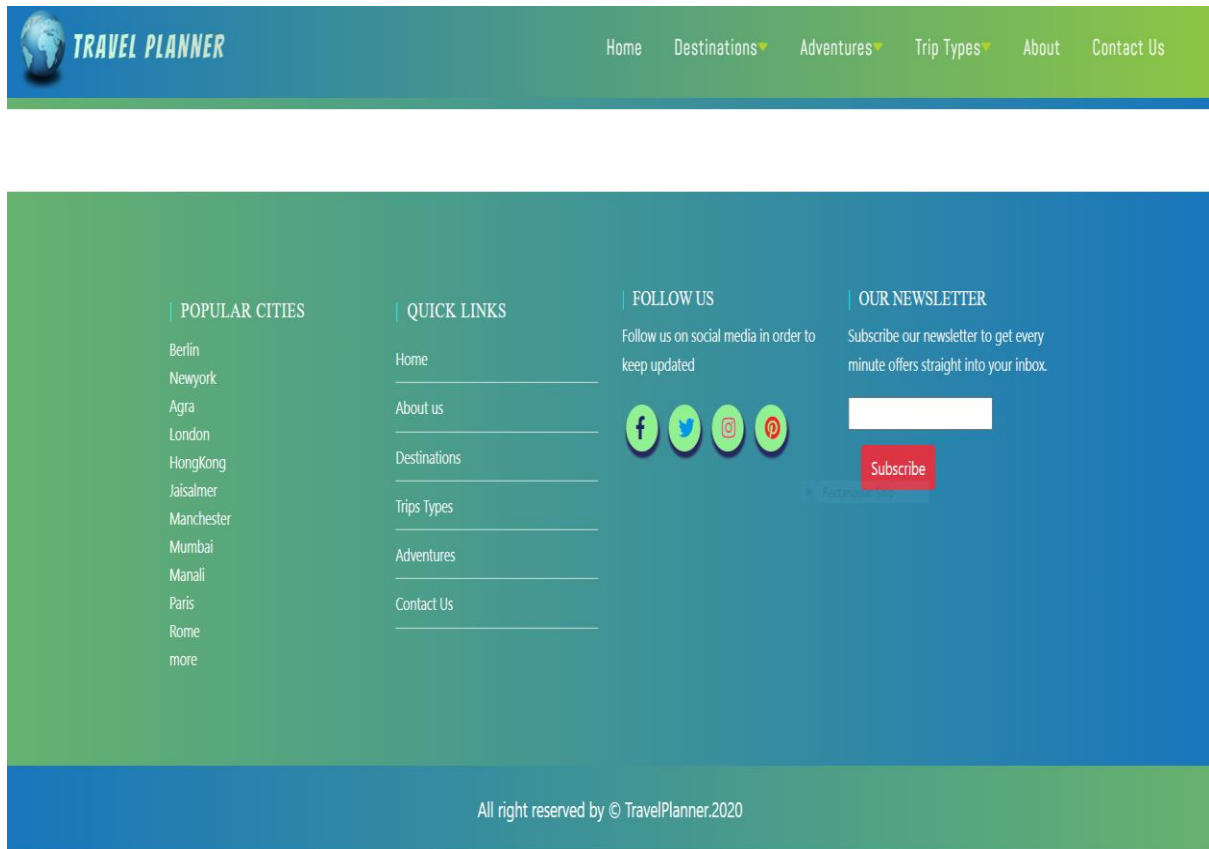
SOME SCREENSHOT

Landing page

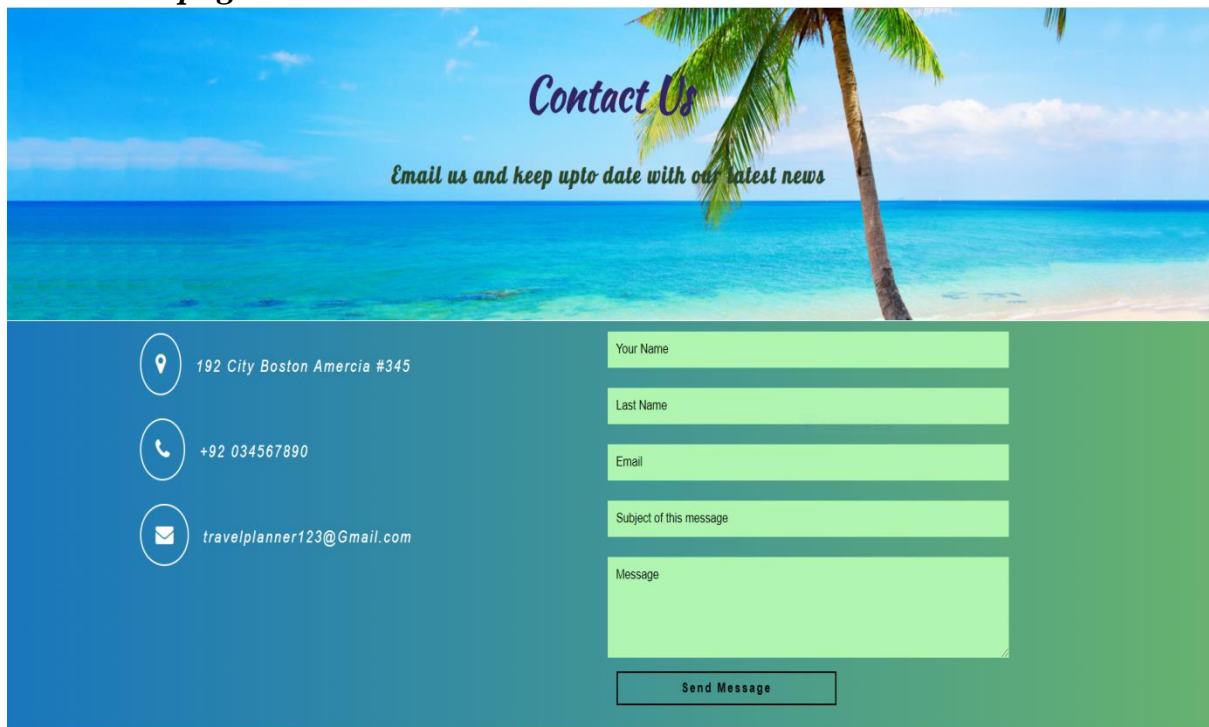




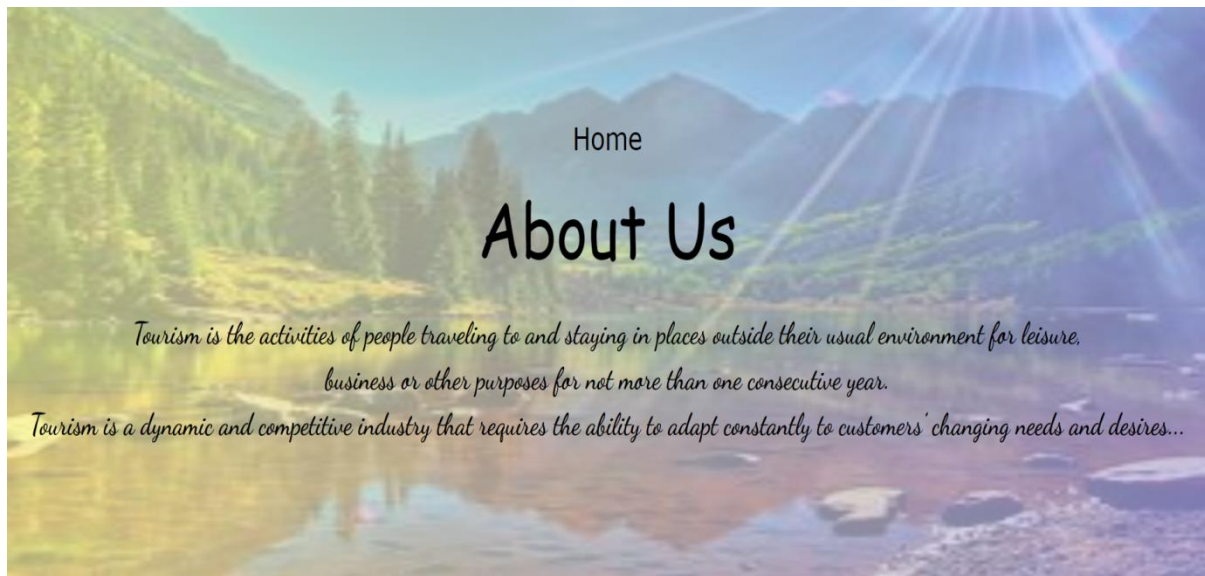
Footer



Contact us page



About us Page



Home

About Us

Tourism is the activities of people traveling to and staying in places outside their usual environment for leisure, business or other purposes for not more than one consecutive year.

Tourism is a dynamic and competitive industry that requires the ability to adapt constantly to customers' changing needs and desires...

Travel Planner



Travel Planner

A journey planner, travel planner, or route planner is a specialised search engine used to find an optimal means of travelling between two or more given locations, sometimes using more than one transport mode.

Searches may be optimised on different criteria, for example fastest, shortest, fewest changes, cheapest. They may be constrained, for example, to leave or arrive at a certain time to avoid certain waypoints, etc.

A single journey may use a sequence of several modes of transport, meaning the system may know about public transport services as well as transport networks for private transportation. Traveller planning or journey planning is sometimes distinguished from route planning, where route planning is typically thought of as using private modes of transportation such as cycling, driving, or walking, normally using a single mode at a time.



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Our Team

Our Team is an organized group of people who are involved in performing shared/individual tasks of the project as well as achieving shared/individual goals and objectives for the purpose of accomplishing the project and producing its results.



Anuradha Bansal
Developer & Designer

Our team is your team.
When your mission is to be better, faster and smarter, you need the best people driving your vision forward.



Anshika Gupta
Developer & Designer

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Pari Gupta
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Rishu Singh
Developer & Designer

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State Gallery



REFERENCES

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- <https://www.yatra.com/>
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