MINI PROJECT

3rd SEMESTER
COMPUTER SCIENCE AND TECHNOLOGY
INDIAN INSTITUTE OF ENGINEERING SCIENCE AND TECHNOLOGY

SUMMER GETAWAYS

➡ **PROJECT GUIDE: Dr. Apurba Sarkar**

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Overview of Projects

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Introduction

- **Web development** is a broad term for the work involved in developing a web site for the Internet.
- **Web design** encompasses many different skills and disciplines in the production and maintenance of websites.

- What is A Website : A website is a collection of related network web resources, such as web pages, multimedia content, which are typically identified with a common domain name, and published on at least one web server.

Tools Required

- Frontend Development

- Backend Development

Motivation Of the Project

We live in the age of Technology. From morning to night we all dependent on Technology. There are so many websites and applications using which we can fulfill our requirements. But if you surf the internet you hardly found websites which will help you in finding the best camp places around the globe. This gives us the motivation for building a website like this.

INTRODUCTION

The tag line says "Savor the mystique with us".

It is a complete web package.

Summer GetAways is a web application that presents an aggregated view of World Wide Web (www).

Summer GetAways contains only relevant packages and services that are a need of customer.

Summer GetAways has various packages which are basically services that tour and travel provides.

Best part is, Summer GetAways uses one account for providing all the package services for customers.

Summer GetAways is designed especially for customers who have no time for selection holidays to manage their holiday we developed the tour and travel.

Summer GetAways helps customers to go travel right path for their destination .

Summer GetAways saves a lot of time for its users by giving only relevant and filtered services on almost all packages.
A trip to this beautiful country can reveal numerous mystic things regarding its culture , art , tradition , history etc. known for its spectacular.

Objectives:

- **A website which will help customer to find good camp place around the globe.**
- **Holiday destination can be easily posted on the website.**
- **User can then select what they want after reading about it and selecting the cost**
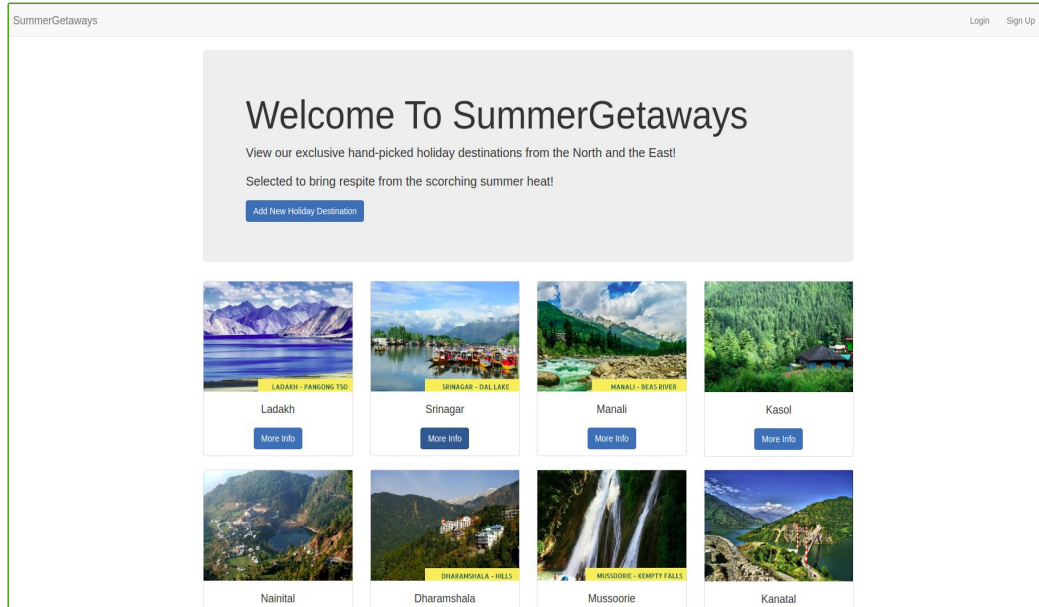
OVERVIEW

- Home Page
- Login And Signup Page
- Welcome page with various camp places
- Adding new Holiday destination
- Description of holiday destination with price
- Making changes to holiday destination

LANDING PAGE

This is the landing page of our Website. It has CSS Animation designed with the help of Bootstrap 3.0.

INDEX PAGE

You Can access this page with or without login on sign up. In this page you can see all available camp grounds. You can read more about all this spots by clicking more info button. From here you also can add new places, but for this customer need to create or login their existing account.

Adding Holiday Destination

Any user can add a holiday destination he wishes to sponsor on the website.
The user must be logged in.
If he is not logged in he is taken to login page.

LOGIN & SIGNUP PAGE

For Authorization and Authentication Passport has been used. Passport is authentication middleware for Node.js. Extremely flexible and modular, Passport can be unobtrusively dropped in to any Express-based web application.

User segregation

Two different user are there
The owner who adds new destination
The customer who views the destination
Different access has been given to both.
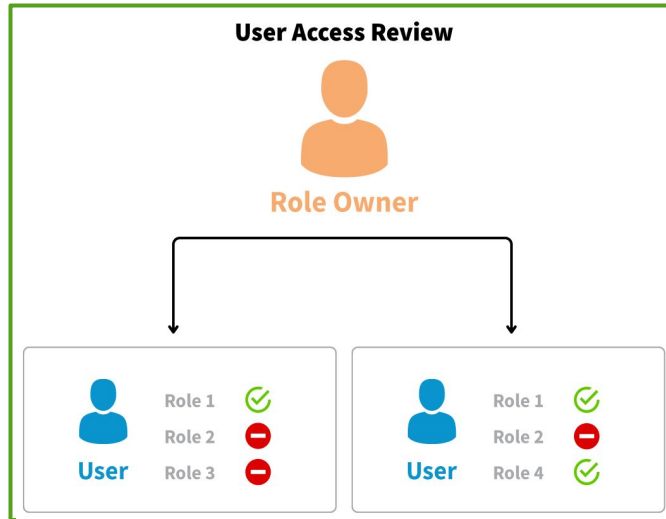
Adding Holiday destination form

User has to fill the form which is then send to database.
The index page is retendered with the new destination added.

ACTIVITY PAGE

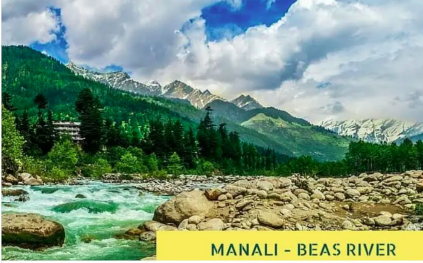

This is the Activity page where you can see more information about the selected place. You can check the comments related the place which already posted by other. Customer also can post comment about the place.

Making Changes to a holiday destination
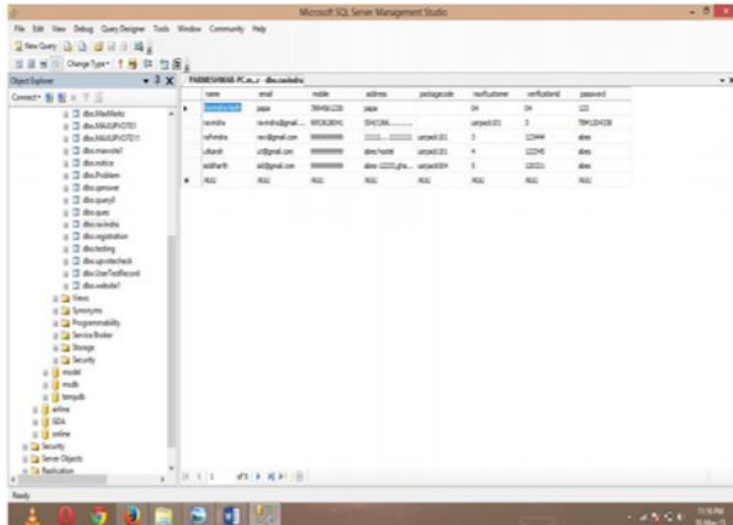
If there are some changes proposed to a holiday destination,it can be edited.
Only the owner can edit or delete the destination.
User segregation has been added.
Edit and Delete buttons are only available to the owner of particular destination.

Data Base

DataBase stores holiday destination,user and comments schema.

Technology learned

We have learned a lot of things related to web development

- **Frontend Development**

    - HTML and CSS its uses in web development.

   - JavaScript and its huge uses.

    - Broad uses of Bootstrap.

Technology learned (Continued)

- **Backend Development**

  - **Broad idea of Node.js and application.**

  - **Uses of Express.js in web development.**

  - **Got many idea about data base.**

Proposed Next Semester Plans

- Search Bar with ajax can be added.
- Adding Holiday destination form can be made more informative.
- User comment and feedback can be added
- A variable price feature can be added with the form.
- Google map can be added to make the page more interactive with every destination.
- Payment mode also be added in future.

Data Flow Diagram of Future Plans
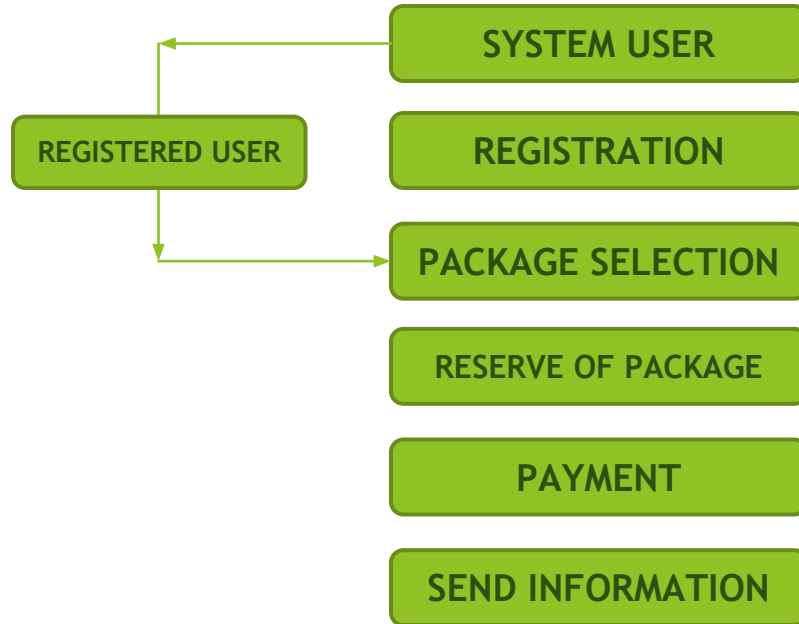
Contribution

The contribution to this project will go in many ways to the society and the

present education system. Due to this project the pattern of selecting

tour and travel packages will be totally changes by the automated system

and will produce accurate, fast, and transparent result system. The project is

made by our team of three persons whose contribution to the project is

equal in all respect of knowledge and effort and skill etc.

Conclusion

- The mini project of creating a website for tourism helped us to get a better insight in the world of web development.
- In this project we studied different options for web hosting. We got to know about the major tourist attractions in our country.
- We have gained a detailed knowledge in HTML, CSS, JavaScript and Bootstrap.
- This project helped us to take keen interest in the world of web designing and tourism.
- Taking up this project has helped us to kindle up more innovative ideas regarding this field and thus opened a vista in learning new things and getting more opportunities

THANK YOU !!!