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TOURISM MANAGEMENT SYSTEM

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ABSTRACT

Traveling to new areas is a pleasurable experience for all of us. The difficult part is deciding where to travel and which sites to visit. Everyone would prefer to see the most popular destinations in the shortest amount of time feasible. We usually outsource this process to a travel agency because it appears to be a time-consuming task. Due to the increase in the popularity of weekend getaways and vacations in general, the need for a system to help tourism industries was a much-needed call. Creating a user-friendly website that allows to help guide the user to match his perfect destination in his given budget is the aim of this project.

Keywords: Tourism Management, Destination Packages, Travelling, Package Management.

I. INTRODUCTION

The project is made to help with the following functionalities using website development for it. The administration control to let handle the inner workings of the website properly and under the control of the admin or admins. Customer management is the next thing we want to concentrate on. This makes the site user friendly for a better customer care and thus in turn helps gain in the business overall by attracting more buyers and making a long term and a good relationship with the existing clients. Easy data management and analysis should also be done to make the website more efficient for both users and admin. Increasing reach by making it convenient for any customers to get their dream vacation. Decreasing paper work is the biggest goal of this system.

II. LITERATURE REVIEW

In the paper [1], information and navigation system were designed for tourists, taking some Niger state of Nigeria tourism destinations into account. The information management system was designed using Java Applet (NetBeans IDE 6.1), Hypertext Mark Up Language (HTML), Personal Home Page (PHP), Java script and MySQL as the back-end integration database. Two different MySQL servers were used, the MySQL query browser and the WAMP5 server to compare the effectiveness of the system developed.

In Paper [2], the study examined the effects of tourism development on the economy of Osun State, Nigeria. Tourism's economic contribution earns it respect among other industries in the Ile-Ife community, as well as concern from businesspeople, tourists, government officials, and the general public. Personal surveys and random administration of questionnaires on respondents in the four Local Government Areas provided the data for this study. The findings of this study revealed that tourists frequent Ile-Ife, owing to the high number of tourist attractions in the area. According to the findings, there is a need to upgrade tourist attraction locations in the study area.

III. METHODOLOGY

1. EXISTING SYSTEM

In the existing system, travelers had to carry their tasks manually. In past system travelers had a list of destination and package details manually in paper, which was time taking. The travelers aren't ready to achieve their need in time and also the results might not accurate. Because of the manual human work there comes number of difficulties and drawbacks in this system. Some of them are Drawbacks of the Existing System:

- Maintenance becomes difficult, since there is huge amount of data that user carry.
- If any admin, user entry is wrongly made then the maintenance becomes very difficult.

2. PROPOSED SYSTEM

The proposed system is designed to outperform the manual system. It facilitates all basic tasks that are now carried out manually. The proposed System is completely web-Based application. A Lot number of records can be searched and displayed without taking much time.

Advantages of the Proposed System:

- Gives accurate information
- Simplifies the manual work
- It minimizes the documentation related work
- Provides up to date information
- Friendly Environment by providing warning messages.
- Traveler's details can be provided
- Booking confirmation notification

3. MODULES

a. Admin authentication:

This module is primarily focused on administration. For authentication, the system will check the admin user name and password. The admin will be able to proceed with the process after the authorization has been verified. All job is done under his supervision.

b. User Registration:

This module contains information regarding user registration, including how users can register themselves by entering information such as their name, password, email address, and other information. They can sign in using their username and password after completing the registration process.

c. Package Creation:

The administrator can create packages by building a package page on which the kind, price, details, location details, and all other trip tour package information may be included. Which will be displayed on the user's homepage.

d. Package booking:

This module keeps track of the user's travel package bookings by allowing them to choose from a variety of packages, each with its own date and set of remarks.

e. Booking confirmation/manage:

Booking confirmation is the procedure of an administrator confirming a user's booked packages with a date and a comment. Also, admin can manage the booking by cancelling.

f. User Issues:

If any user faces any issue regarding booking, cancellation, refund or any other area then the user can raise their issue through this section, every issue will have its corresponding issue ID and the user can track the status of their issue. Admin has access to this who can update on the status of issue and give remarks, if any.

g. Filter Package:

User can filter package according to their convenience. This includes options to sort package price high to low or low to high.

IV. INPUT AND OUTPUT DESIGN

User-oriented inputs are converted to computer-based representations via Input Design. The most common source of data processing problems is inaccurate input data. The input design can control the error data entered by the data operator. The purpose of designing input is to make data entering as simple, logical, and error-free as possible. This system 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 created with all of the end-constraints users in mind.

The most essential and direct source of information for customers and management is outputs. Intelligent output design will assist users make better decisions by improving the system's relationship with them. Outputs are used to create a permanent hard copy of the results for future reference.

It is required for the proposed system's output to be compatible with existing manual reports. This has been taken into account when formatting the outputs. The system's outputs, which are obtained at the end of each phase, can be displayed or printed in hard copy. The hard copy is desirable because it can be used by the controller section for future reference as well as for record keeping.

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V. RESULTS AND DISCUSSION

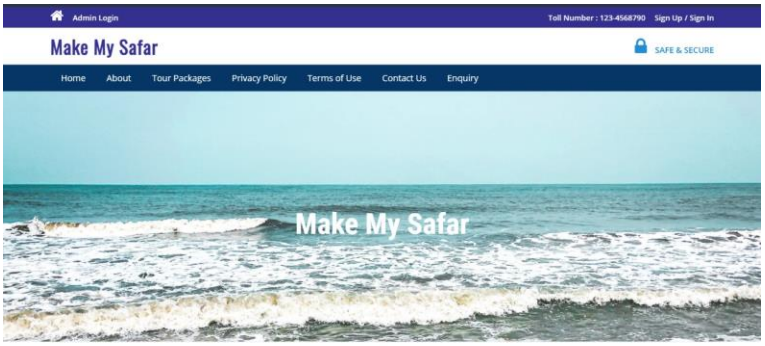

Figure 1: Home Page

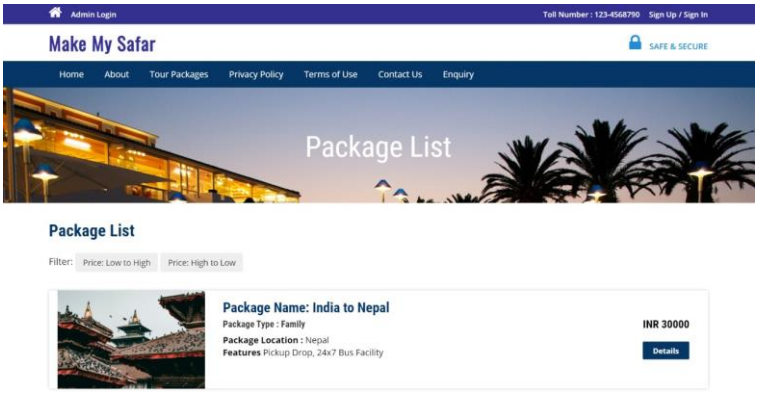

Figure 2: Package lists

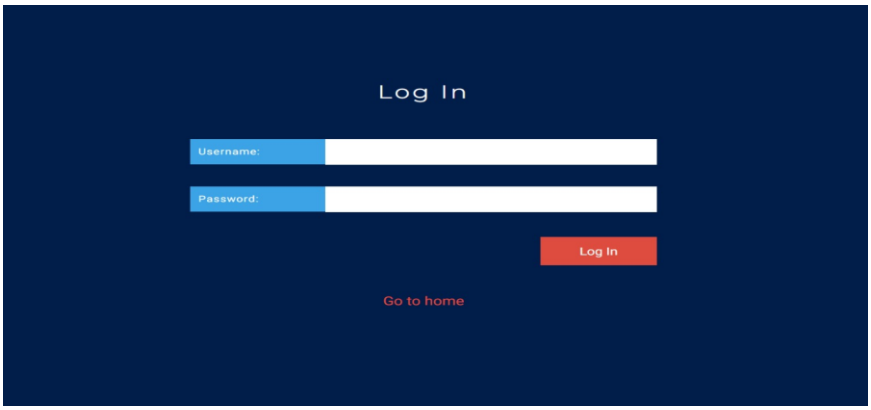

Figure 3: Admin Log in

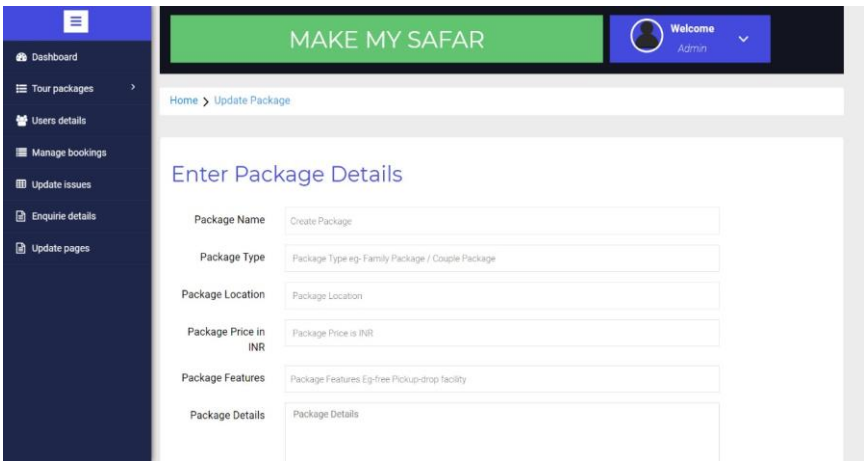

Figure 4: Creating Package

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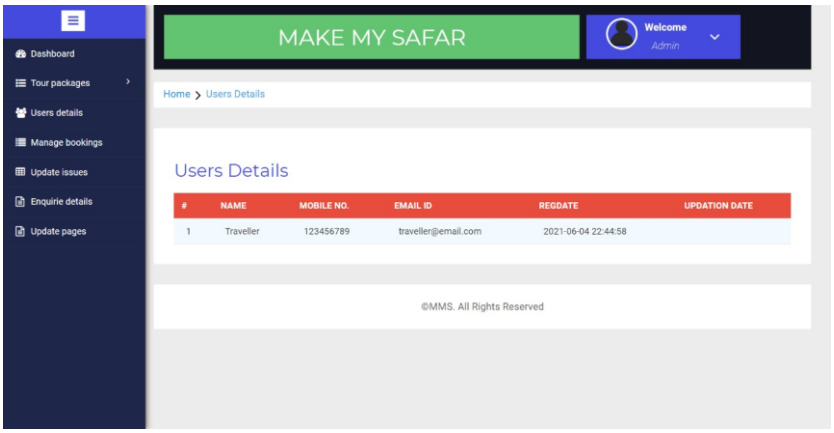

Figure 5: Manage Users

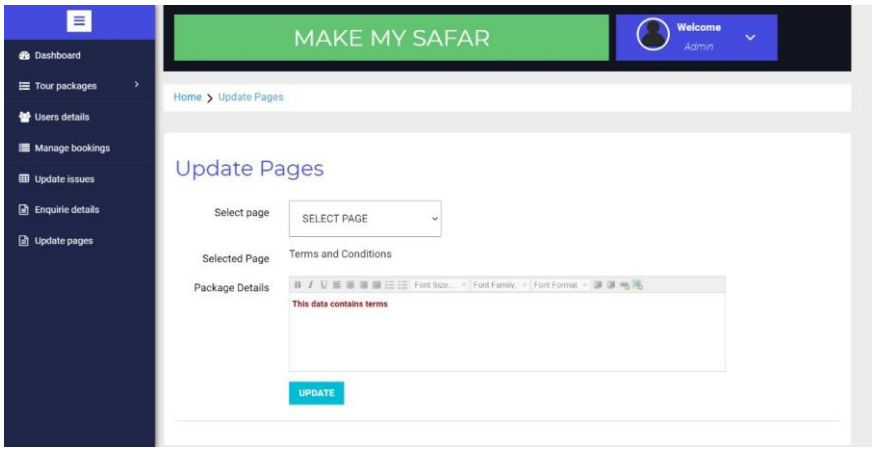

Figure 6: Update Page Data

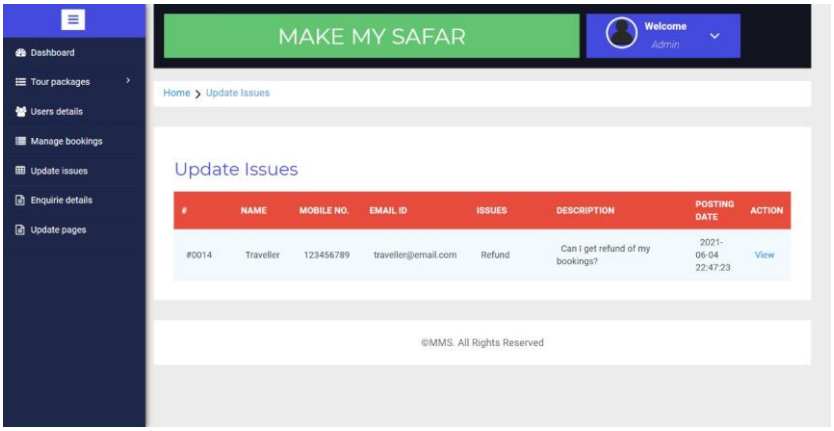

Figure 7: Update Issues

VI. LIMITATIONS

Users could not be authenticated through email or phone number using OTP verification. User cannot filter the options based on his choices.

VII. CONCLUSION

This web application was successfully created and stored all the travel admin tourism packages booking, creation managing and tour details into the database using this application. The application was thoroughly tested, and all flaws were identified and corrected. All of the required output has been created. As a result, this technology makes it simple to automate all consumption functions. It will be beneficial if this application is implemented in a few consumptions. The project can be improved further so that the website performs in a more appealing and useful manner than it now does. It is concluded that the application works well and satisfy the needs. The application is tested successfully and errors are properly debugged.

FUTURE SCOPE

Online Payment Methods can be added in future, Coupons and offers can be added for new or daily users, Travel blogs and videos could also be added, and customer reviews about the website and destination could be added which will help new customers for choosing the right destination.

VIII. REFERENCES

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