Holiday Trip Management System

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Outline

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INTRODUCTION

- Holiday trip management system with package management and flight ticket booking reduces the workload on customers by providing them with a easy to access and use reservation system to select holiday destinations and easily find package with suits their needs the best

- India has most beautiful locations in south Asia amongst popular countries, ranging from breath taking hill stations to some of the prettiest and liveliest beaches with great communities to hidden rainforest containing beautiful sceneries for eyes to witness.

- Our package management system lets the customer explore and choose from some of these beautiful location to get a brief info of what they might experience and we provide them with the means and ways to make their journey possible and enjoyable from providing flight information to activities and means and modes of other transport

ABSTRACT

- This Project is aimed to provide the customer a facility to look into different travel packages and book their flights online.

- The online holiday management system provides an online website with all the information for easier and convenient access

- User is required to login or register into the system and needs online payment sources for booking holiday packages and flights.

- The site will provide information on what the different packages offer on location and process for flights to destination.

- Instead of looking at different places and figuring out best flights and activities to do at different location, our system offers information grouped all together to the user.

Problem statement

People often have to spend a lot of time looking for places to visit finding activities to do at locations and then have to spend more time trying to find good flights or modes of transport to their desired location.

Proposed solution

The solution to the above problem is a system where the user has to login and register to the website Delite Travels.

They can then look at the offered packages on the website which will have various details of activities

After selecting their desired location, they will be offered different modes of transport and also varieties in their flight selection of different airlines.

By doing so it reduces the time consuming process of looking for a location and figuring out how to reach their.

Saves their time and makes it easier to make decision based on exciting package details and photos provided in the gallery.

Objectives OF THE PROJECT

Providing a user friendly interface to make their holiday selection process a much easier and fun process.

Manages customer information for further bookings through the site.

Only the administrators will be granted access to the customer information/

The purpose to build application program to reduce the stress of flight selection and destination decision by providing interesting packages.

Technology Used

C++

My SQL

XAMPP SERVER

Functional requirements

- Registration
- Viewing Packages
- Selecting desired package
- Selecting offered flights
- Payment
- Billing information

FLOW DIAGRAM

customer

packages

End Of Trip

Options like Hotel, Food, Cab etc

Billing Details

Trip Details

Flight Booking

DATABASE

Customer

- **Name**
- **Age**
- **Gender**
- **Nation**
- **Email ID**
- **Phone Number**

Package

•package ID

•Source

•Destination

•Flight Information

Billing

•Bill id

•Customer name

•Guide Cost

•Ticket cost

•Cab cost

•Room cost ac/Non ac

•Food Cost veg/non-veg

•Service cost

•Total bill

billing table

#	Name	Type	Collation	Attributes	Null	Default	Comments
1	bill_id 🔑	int(10)			No	None	
2	cust_name	varchar(20)	utf8mb4_general_ci		No	None	
3	guide_cost	varchar(10)	utf8mb4_general_ci		No	None	
4	ticket_cost	varchar(10)	utf8mb4_general_ci		No	None	
5	cab_cost	varchar(10)	utf8mb4_general_ci		No	None	
6	room_cost_ac	varchar(10)	utf8mb4_general_ci		No	None	
7	room_cost_non_ac	varchar(10)	utf8mb4_general_ci		No	None	
8	food_cost_veg	varchar(10)	utf8mb4_general_ci		No	None	
9	food_cost_non_veg	varchar(10)	utf8mb4_general_ci		No	None	
10	service_cost	varchar(10)	utf8mb4_general_ci		No	None	
11	sgst	varchar(10)	utf8mb4_general_ci		No	None	
12	cgst	varchar(10)	utf8mb4_general_ci		No	None	
13	total_gst	varchar(10)	utf8mb4_general_ci		No	None	
14	grand_total_bill	varchar(10)	utf8mb4_general_ci		No	None	

☐ Check all   With selected: ☐ Browse ✎ Change ⊖ Drop ✎ Primary ∪ Unique

Left sidebar:
- ...rmation_schema
- ...ysql
- ...rformance_schema
- ...pmyadmin
- ...st
- ...urism 👁
- New
- billing
- cust
- packages

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cust table

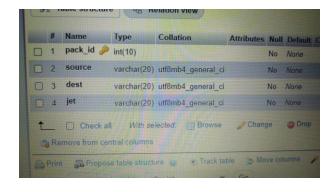| #	Name	Type	Collation	Attributes	Null	Default	Comm
1	cust_id 🔑	int(10)			No	None	
2	name	varchar(20)	utf8mb4_general_ci		No	None	
3	age	varchar(10)	utf8mb4_general_ci		No	None	
4	gender	varchar(20)	utf8mb4_general_ci		No	None	
5	nation	varchar(20)	utf8mb4_general_ci		No	None	
6	email	varchar(30)	utf8mb4_general_ci		No	None	
7	phone_no	varchar(20)	utf8mb4_general_ci		No	None	

☐ Check all   With selected: ☐ Browse ✎ Change ⊖ Drop
🔒 Remove from central columns

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packages table

#	Name	Type	Collation	Attributes	Null	Default	C
1	pack_id 🔑	int(10)			No	None	
2	source	varchar(20)	utf8mb4_general_ci		No	None	
3	dest	varchar(20)	utf8mb4_general_ci		No	None	
4	jet	varchar(20)	utf8mb4_general_ci		No	None	

☐ Check all   With selected: ☐ Browse ✎ Change ⊖ Drop
🔒 Remove from central columns

🖶 Print   Propose table structure   ● Track table   ▷ Move columns

System implementation

- Implementation is the stage of the project when the theoretical design is turned out into a working System. Thus it can be considered to be the most critical stage in the achieving a successful new system.

- The implementation stage involve care full planning, investigation of the existing system and it's constraints on implementation, designing of methods to achieve change over methods.

```
##################################################
#                 HARMAN INTERNSHIP              #
#             PROJECT PRESENTED TO IPRIMED       #
##################################################
#                                                #
#                                                #
#                                                #
#                                                #
#              _____DELITE TRAVELS_____           #
#          One stop solution for all your trips and tours  #
#                                                #
#                                                #
#                                                #
##################################################
#                                                #
#                                                #
#*********************** MENU ********************#
#                                                #
#                                                #
#          1. CUSTOMER REGISTRATION              #
#          2. EXIT                               #
#                                                #
#                                                #
##################################################
          ENTER YOUR OPTION : 1


ENTER YOUR NAME : aswin
ENTER YOUR AGE : 2
ENTER YOUR GENDER : male
ENTER YOUR NATIONALITY : indian
ENTER YOUR EMAIL ID : aaaaaa@gmail.com
ENTER YOUR MOBILE NUMBER : 1234567890
```

```
We are currently offering  services from DELHI to :
                1. Leh
                2. Kolkata
                3. Kochi
                4. Hyderabad
                5. Bangalore
                6. Shimla
                7. Dehradun
                8. Chennai
                9. Mumbai
                10. Jaipur


        ENTER THE DESTINATION CODE : 1

There are 2 packages for this destination in total.

        1               Delhi           Leh             Spice Jet

        11              Delhi           Leh             Air India

Select your desired package id: 1
```

```
Your Destination is: Leh
Your Airline is: Spice Jet


ENTER THE FOLLOWING DETAILS FOR HOTEL RESERVATION

ENTER THE NUMBER OF PEOPLE : 10
DO YOU WANT A GUIDE (YES/NO) : yes
ENTER NO OF DAYS OF LODGING : 10
ENTER CHECKIN DATE : 09/05/2022
ENTER NO OF ROOM : 10
ENTER TYPE OF ROOM (AC/NAC) : ac
ENTER THE NUMBER OF AC ROOMS : 8
DO YOU WANT TO INCLUDE FOOD (YES/NO) : yes
ENTER THE TYPE OF THE FOOD (VEG/NVEG) : veg
ENTER THE NUMBER OF VEGETARIANS : 5_
```

```
1. Economy class Ticket from Delhi to Leh will cost @ Rs 5115
2. Business class Ticket from Delhi to Leh will cost @ Rs 6500
3. First class Ticket from Delhi to Leh will cost @ 10000
4. Exit

e Choice for class :1

e number of Tickets you want to book : 10


 of tickets of spice jet for Economy class will cost : Rs51150
to confirm
to go to the main menu
ur option : 1
```

```
        ######################################################
        #                                                    #
        #               _____DELITE TRAVELS_____       #
        #       One stop solution for all your trips and tours   #
        #                                                    #
        ######################################################
        #           1. Rent a non ac cab @ Rs20/km          #
        #           2. Rent a  ac cab @ Rs30/km             #
        ######################################################
your cab choice: 1


 culate the cost for your journey with us enter the following details :

the kms you will travel with cab :123

the number of cabs you need :5

our with us will cost you Rs 12300 for non ac cab

1 to confirm
2 to return back to the menu
your option : 1_
```
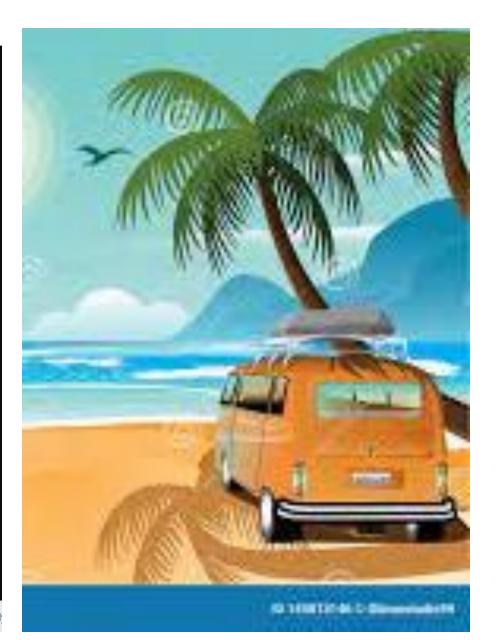
Jaisalmer Fort

27°C Mostl

```
    ######################################################
    #                                                    #
    #             _____DELITE TRAVELS_____           #
    #     One stop solution for all your trips and tours #
    #                                                    #
    ######################################################
    #                      INVOICE                       #
    ######################################################
    #     Billing ID ........................... 9       #
    #     Customer Name ....................... aswin    #
    #     Number of days ...................... 10 days  #
    #     Guide ............................... 10000    #
    #     Ticket .............................. 51150    #
    #     Cab ................................. 12300    #
    #     AC Room ............................. 160000     #
    #     NON AC Room ......................... 30000   #
    #     Food (Veg) .......................... 50000    #
    #     Food (Non-Veg) ...................... 75000   #
    #     Miscellaneous Cost................... 1000     #
    #     Service Cost ........................ 4000     #
    ######################################################
    # SGST .................................. 35411      #
    # CGST .................................. 35411      #
    # Total GST ............................. 70821      #
    ######################################################
    #                                                    #
    #   Grand Total ................... 464271INR        #
    #                                                    #
    ######################################################

DO YOU WANT TO CONTINUE(Y/N)
```

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CONCLUSION (:

- ⑩ **This project is a database-driven site where products/services are displayed and stored in a database. Typically, new products would pull from the database and displayed on the homepage daily.**

- ⑩ **The customers in the future could be given more and new packages apart from the existing ones and possibly be provided packages from different sources rather just having right now.**

- ⑩ **Also, possibilities to implement details and packages for foreign trips outside India to multiple different countries.**

Open to Queries :)

Thank You