

OOP Project Report (C++)

III Sem



Leisure Tours & Travels Online Services

*Made By* ***B5 Students*** *namely-*

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## INTRODUCTION

## ***PROBLEM STATEMENT***

### Less Product options: Taking too much time to search properties as per customer needs.

### Lack of Product information: Unable to explain the hotel details - fails to convince the customer.

### No price info: Cannot immediately quote to the customer’s query.

### Non Availability: Long waiting period to know if the room is available or not.

### Slow booking process: The booking process consuming too much time.

### Delayed confirmation: Slow response makes the customer move out for other options.

### Increasing Operations cost: Day by day increasing operations costs brings down the margin.

### Payment hassles: Physical payment requires additional manpower and also has time constraints.

### Confined to office: You cannot leave the office premises while a booking is in process.



Goals To Be Achieved

* **Wide range of Products:** Wide range of hotel options spread across more than 400 Indian destinations and much more international locations give you the desired options.
* **Detailed Product information:** Detailed hotel info on the system like location, hotel amenities and room facilities enable the booking person to respond quickly to customer queries. All product prices on the screen:
* **Updated Pricing:** Leisure Tours Online provides you up to date hotel rates, that too the best in the market.
* **Real time Availability:** At a click, you will know if the rooms are available.
* **Quick booking process:** The whole booking process will not take more than 5 minutes.
* **On the spot confirmation:** You can confirm the rooms immediately without making the customer wait.
* **Reduced Operations cost:** The Operations cost could be brought down to minimal level which in turn multiplies the output by the same Executive.
* **Payment Convenience:** Easy payment options without moving away from your seat.



Project Description

**Leisure Tours and Travels** provides online domestic booking services to book your desired flight, hotel and tours.

Overview Of Work-

The user (registered/new) is provided with the above mentioned options to use the service.

OPTION-1

* The user is shown the details of that particular option when he/she enters the required details.
* The details are entered through the interface class and their attributes are matched with the DATABASE objects (place->transport->flight) and the details regarding flight number , airline, seats, fare and time are shown .
* The user is required to choose the desired one. The chosen one’s seat availability is validated and user is asked whether he/she is a registered or a new one.
* Then payment process takes place which gives user two options of payment (payment->mode->debit\_card,net\_bank) and the generated total fare is matched with the amount in user’s card/bank. After successful transanction ,accordingly the ticket (Ticket->air\_ticket) object is generated and its reference stored in user’s class.

OPTION-2

* The user is shown the details of that particular option when he/she enters the required details.
* The details are entered through the interface class and their



attributes are matched with the DATABASE objects (place->transport->bus) and the details regarding bus number , travel company, seats, fare and time are shown .

* The user is required to choose the desired one. The chosen one’s seat availability is validated and user is asked whether he/she is a registered or a new one.
* Then payment process takes place which gives user two options of payment (payment->mode->debit\_card,net\_bank) and the generated total fare is matched with the amount in user’s card/bank. After successful transanction ,accordingly the ticket (Ticket->bus\_ticket) object is generated and its reference stored in user’s class.

OPTION-3

* The user is shown the details of that particular option when he/she enters the required details.
* The details are entered through the interface class and their

attributes are matched with the DATABASE objects (place->hotel) and the details regarding hotel number , name, rooms, fare per day are shown .

* The user is required to choose the desired one. The chosen room’s seat availability is validated and user is asked whether he/she is a registered or a new one.
* Then payment process takes place which gives user two options of payment (payment->mode->debit\_card,net\_bank) and the generated total fare is matched with the amount in user’s card/bank. After successful transanction ,accordingly the hotel voucher (h\_voucher) object is generated and its reference stored in user’s class.

OPTION-4

* It works exactly same as above and here the user can customize its tour by selecting its own desired flight and hotel.



Evolution Of The Project

Increments



