ONLINE BUS BOOKING SYSTEM(DREAMTRAVEL.COM)

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INTRODUCTION

Online bus booking system is windows based application That works within centralised network. it provides facility to reserved seats ,cancellation of seats and different type of enquiry which need an instant and quick reservation.. E-ticket is the easier and quickest way to take bus

example: redbus, ksrtc

ANALYSIS

In this phase, we have analyzed the existing systems and investigated problems associated with it. We understood the limitations of the existing system and got a clear idea of the requirements and need for a new system. The analysis resulted in us getting pre-requisites for the logical model for the new system.

DESIGN

❑ After the requirements have been determined, the necessary specifications for the hardware, software, people, and data resources, and the information products that will satisfy the functional requirements of the proposed system can be determined.

❑ after that we made a blueprint for the proposed system

MODULES IDENTIFIED

- ❑ **Login module**

- ❑ **Route module**

- ❑ **Journey date and destination module**

- ❑ **Bus info module**

- ❑ **Booking module**

- ❑ **Payment module**

- ❑ **Cancellation module**

BOOKING MODULE

- ❖ Selecting your source , destination location and the date of journey
- ❖ Choosing from the various services available for the given date
- ❖ Selecting your seats and inserting a couple of simple information
- ❖ Conforming your booking details
- ❖ Making the payments

CANCELLATION MODULE

- Cancellation fee will be deducted from the passenger's reservation amount.

- Cancellation slabs (% fare refund) is based on the time of cancellation and departure time of the service at the place of boarding.

- In case of partial cancellation, the seat no. of the passenger who will not travel has to be cancelled.

- In respect of e- tickets cancelled by the passenger, Accounts Department of dreamtravel.com will refund the amount applicable to the concerned Credit card/Debit Card/ Online banking account .

- Refunds to passengers will be given normally in 15 working days, after the cancellation of ticket or receipt of e-mail. If refunds are delayed, passengers may contact dreamtravel.com troll free no.

ENTITIES AND FEATURES

In online bus booking system their are 3 important entities

1)Bus

2)Passenger

3)Route

o Any types of users can access the bus schedule through there username and email-id.

o The route table has the detail of schedule of every bus.

o It has attributes departure date ,departure time ,bus number , capacity , seat number, status , fare ,route name ,source ,destination and distance.

o The status attributes check whether any seat is available or not .

o Once an available seat is viewed by the users, he goes ahead for booking

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- A user can book ticket for many passengers

- Booking will generate a ticket which has attribute like ticket number and mode of payment

- The mode of payment can be either by cash or by credit card

LIMITATIONS OF EXISTING SYSTEM

- No information on the delay of bus to passengers
- Slow response about refunding
- Low quality customer service
- High registration and service charge
- Troll fee is not available for customer enquires
- They increase the bus ticket fares during festival time and public holidays

PROPOSED SYSTEM (DREAMTRAVEL.COM)

❑ Providing special concession to physically and disabled customers

❑Providing with discount regular customers

❑Cancellation charges 40% deducted only till the last 8 hours

❑Same rate of tickets during festival season even if the demand is high

❑Reduced rate if two way travel

❑Message alert for the current locations

❑No third party involvement

❑Simple way of procedures we are including

❑less price for ticket Comparatively with other

SYSTEM SPECIFICATION

 Hardware configuration

    computer processer

     hard disk   : 1 Gb

     ram   : 518 Mb

 Software specification

    operating system : windows

    front end   : html, C#.net

    back end   :my-sql

PROJECT SIGNIFICANCE

It is important to customer because customer can check availability of the bus ticket, buy bus ticket, and pay the bus ticket online. E-ticket is different with traditional paper ticket because e- ticket is safer, faster, reliable and cheaper. Besides that, this concept can be used by dreamtravle.com customers will be easier. The profit the bus will be increased because the online system will attract more customers and no need to h many staffs at the counter to sell bus ticket because ticket can be sold efficiency online.

CONCLUSION

 dreamtravel.com is company online system, which enable customer to check availability bus ticket, buy bus ticket, and pay bus ticket online. It makes the customer easy to get bus ticket online instead of queue up to buy the bus ticket

The fastest way to get a Bus ticket