Ambersoft Training Institute

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Project Documentation On

Airlines Website

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ABSTRACT

The first and foremost objective of the project is to give a better service to the customer at the time of reserving the ticket of airline and eradicate the problems

faced by the customer to some extent.

The Airline Reservation System (ARS) was one of the earliest changes to improve efficiency. ARS eventually evolved into the Computer Reservation System (CRS)

A Computer Reservation System is used for the reservation of a particular airline and interfaces with a Global Distribution System (GDS) which supports travel agencies and other distribution channels in making reservations for the most major airlines in a single system. Airline Reservation System contain airline schedule, fare traffics, passenger reservations and ticket records. An airline’s direct distribution works within their own reservation system, as well as pushing out information to the GDS. A second type of direct distribution channel is consumers who use the internet or mobile application to make their own reservations.

The projects have successfully implemented with proper authentication and services.

There are 2 main development modules in the project. They are

1. Admin Module
2. User/Customer Module

1. Admin Module:

Admin plays the key role throughout the whole project. Admin having own username and password keeps track of the flight details and also about the customer

He can approve and can also reject the booking application of the customer.

2. User/Customer Modules:

User also having his/her own username and password for log on. After log on he/she can view all the flights and their details and can book tickets as per the requirement. User can also view and edit his own profile.

Introduction

Online Air Ticket Booking system is to provide an option to customers to book the tickets online and to check the confirmation online. This system will help the company to sell the flight tickets online. Unless like in the previous stage people as to walk into travel agency or this company ticket counter to buy the tickets and also to check the flight timings. This problem is overcome introducing this system.

Existing System

Presently the company has ticket counters in the airport. Where people as to come to book the tickets or to check the flight timings. Also, there are many travel agents take the advance booking. In turn these agents will check out with the main ticket counter officials for the ticket confirmation. This is very lengthy and tedious process.

Proposed System

The proposed system will available online. So, anybody who is interested in the flight timings and ticket booking they check online only.

Objectives of the project

1. Online air ticketing saves time by reducing the time involved in the physical transportation of the customer to the reservation counter; online air ticketing process saves time in absolute terms.

2. It enables the customer to purchase tickets from the remote areas, thereby increasing the customer-centricity of the services provided.

3. With a segment of customers opting for the online facilities, the pressure at the reservation counter is substantially reduced.

4. Reduction in the pressure at the reservation counter creates scope to curtail the number of employees at the reservation counters, contributing in cost-cut to the company.

5. With faster, easier and hassle-free services to the customer, the company is poised for a better competitive advantage in face of the oligopolistic structure.

6. Online portal can be used to ascertain any particular facilities that the customer might be looking forward to during the journey.

7. The portal can also be used to inform the prospective customers about the future economy option and other function benefits that the company could have planned; thereby, enabling the customer to plan in advance.

8. With the induction of the cash on delivery system, the customer can easily deliver his air-tickets while being at home.

ER-DIAGRAM

HAS A

LOGIN

CUSTOMERDETAILS

HAS A

BOOKING\_DETAILS

HAS A

FEEDBACK\_DETAILS

NOTICE

FLIGHTDETAILS

PAYMENTDETAILS

CONCLUSION

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The project “AIRLINE RESERVATION SYSTEM” has been developed as per the requirements specification of the Interface Software. It has been developed HTML, CSS, javascript frontend and SQL server in backend. The complete system is thoroughly tested with the availability data and throughput reports are verified with reports which are prepared manually.

It has been observed that the report generation is easier and now compared with the manual operation. These are found to be more accurate because of availability of information from various levels. Design procedure and output reports are presented in this project report. This design is so flexible that any new modules can be incorporated easily.

Software specification

Operating System : windows

Front end : HTML, CSS, JavaScript

Back end : SQL

Hardware specification

CPU type : Pentium IV

Memory : 256 MB RAM

Hard disk : 20 GB hdd

Key board : 110 keys