

DHOLE PATIL COLLEGE OF ENGINEERING WAGHOLI, PUNE

412207

PROJECT REPORT ON

DATABASE MANAGEMENT SYSTEM

COURSE CODE:

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Of

SECOND YEAR IT DEPARTMENT





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412207

DEPARTMENT OF INFORMATION TECHNOLOGY

CERTIFICATE

This is to certify that,

NEHA VISHWAKARMA EXAM NO:72154146B

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Have Successfully Completed. The Project Entitle Airline Management System. The Project Report Has Been Approved, As It Satisfied The Academic Requirement In Respect To Project Work.

Date:24\05\2022

Place: Pune

Prof. Nehali Shinde (Proj. Guide) Prof. Rahul ghode

(External examiner) (Head Of Department)

Dr. Nihar Walimbe

(principle)

PROJECT TITLE: AIRLINE RESERVATION

NAME OF MENTOR: PROF. MISS. NEHALI SHINDE

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ABSTRACT: Airline reservation Cantains bookings detail about flight schedule and its fare traffics, passengers reservations and ticket records .An airlines inventory cantains all flights with their available seats .the inventory of an airline service is generally divided into three category of classes and each category having seats Upto 26 bookings, along with prices and booking conditions ,inventory data is imported and maintained through a schedule distribution system over standardized interfaces .one of the core function of the inventory management of airline reservation is the inventory control .inventory control steers how many seats available for the different booking classes, by opening and closing individual booking classes for sale .in combination with the fares and booking conditions stored in the fare quote system the price for each sold seat is determine .

INTRODUCTION: Airline reservation system is software which is helpful for ticketing managers as well as customers. In the later system all the activities were done manually. It was very time consuming and costly. our airline reservation system deals with the various activities related to the flights.

* Flight Reservation module
* Flight cancellation module
* Flight post pone module

In the software only user with the legal username and password can sign in. A ticketing managers can book, cancel or post pond any flight for any customer. Flights are booked through flight reservation module in which all the details regarding customer and his flight are entered. A receipt no.is provided to every customer which is unique for each customer and with the help of which is unique for each customer and with the help of which cancellation and post pond of flight can be done.

There are two types of system:

* Existing system:
* Proposed system:

**Existing system:**

* Manually goes to the airport and book his ticket.
* Downloading the ticket from as paper document, filling it.
* Fill the ticket form on system and get print out as paper document to submit it at airport.
* Booking the ticket at some particular registered ticket counters In online.
* Hence the passenger may or may not be satisfied with this approach as it includes manual intervention like travelling to airport for booking to airport for booking his ticket.

**Proposed system:**

The proposed system ensures the complete freedom for user can book his ticket. our proposed system allows user to book the ticket, view timing and cancel their tickets.

In These Proposal the entire work done on online and ticket with id is also provided for passenger as a print document. Here passengers can able to see the booking Details.

HARDWARE /SOFTWARE REQUIREMENT SPECIFICATIONS

**Hardware Requirements:**

Processor: Intel Pentium based system

Processor speed:  250 MHz to 833MHz

RAM SPEED:  1GB

**Software Requirements:**

FRONT END: HTML, JAVA SCRIPT

Technologies: CORE JAVA

DATABASE: SQL

Operating System: Windows XP/7/8/10

ER DIAGRAM:

Manage

Ticket

Has

Passenger

Airline booking

Airline enquiry

Permission

User

Roles

Has

Login

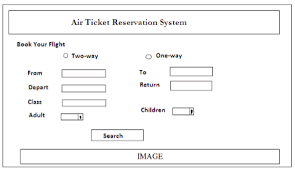
REFERENCE:

A booking reference, also referred to as a PRN or record locator, is the airlines internal identifiers for your flight booking within their computer system .it is generated by the airlines computer system, not by the travel agent or GDS.

**IFLY RES: ENABLING PERSONALIZED RETAILING ACROSS TRAVELER TOUCH POINT WHILE DRIVING EFFICIENT END-TO-END PASSENGER PROCESSING.**

IFLY RES is an omnichannel platform for airline retailing, reservation, servicing, and end-to-end

Graphical user interface:



Test cases:

CONCLUSION:

t**It reduces the scope of manual error and conveniently maintains any modifications, cancellations in the reservations**. It not only provides flight details but also but also creates a platform to book tickets, cancels or modifies ticket timings or dates and even informs about the number of people on board.

2. Software Engineering-By James Peters

**THANK**

**YOU…**