

PURBANCHAL UNIVERSITY
SCHOOL OF ENGINEERING & TECHNOLOGY
BIRATNAGAR-4, NEPAL.



A PROJECT REPORT ON
“AIRLINE RESERVISATION SYSTEM”

SUBMITTED BY :-

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SUBMITTED TO:-

MR. GOPAL PD. SHARMA
(PROJECT CO-ORDINATOR)

BACHELOR OF COMPUTER APPLICATION (2009 BATCH)

This is to certify that the following students have completed their project on “**AirLine Reservation System** ” as their final year project of 2 credit hour as per the requirements as the degree “ **Bachelor Of Computer Application**” at School of Engineering & Technology, PURBANCHAL UNIVERSITY ,Biratnagar-4, Nepal.

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ACKNOWLEDGEMENT

This project named “**Air line Reservation System**” is the result of continuous labor and dedication of us. The privilege that accompanies the successful completion of this project would not be valued without the mention of the persons whose ceaseless support, guidance and motivation crown the efforts.

We would like to express our sincere gratitude to **Mr. Gopal Pd. Sharma**, the project coordinator whose valuable help and suggestion with guidance was quite contributory in our objectives. We would specially like to thank **Mr. Amrit Tamang** and **Mr. Ganga Kafle** for their valuable time and guidance. We would also like to thank all of our friends who helped us and showed keen enthusiasm in our project.

Finally, any comment and suggestion will be gratefully received and acknowledged.

BCA. 6th Semester

- **NAGENDRA DANGI**
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ABSTRACT

The objective of the project is to design an Airline Reservation System application which enables the customers to search and book flights, packages. The project has been designed in VB.NET technology and consists of a MS-ACCESS which acts as the database for the project.

My motivation for the project came from my enthusiasm and strong urge to learn VB and .NET which is one of the fastest growing technologies in today's world.

The introduction may be divided into various steps based on the developer and also depending upon the operation to be performed using the particular software. The "AIRLINE RESERVATION SYSTEM" is undertaken as a project based on relevant technologies. The main aim of this project is to develop the software for the process of reserving airway ticket should lead to increased efficiency and reduced drawbacks which were present in the previous procedure of airline reservation. The software should be, error controlled both logically as well as in syntactic manner. The features deal with the different operations involved in the process of AIRLINE RESERVATION. Business people don't have any planned air travel. They just receive the invitation for some international exhibition at the last minute, which they should or can attend to improve their ability both in the skilled manpower and also in the machinery importing. Tickets can now be booked. Some agents or the organization with the idea of eyeing increased profit through the extra taxes for the comfort they give to buy the ticket just by a single click of the mouse throw desktop.

All the data needed for the application is stored in the form of tables in the MS-ACCESS 2003.

The entities involved are:

- Customers
- Administration Department

AIRLINE RESERVATION SYSTEM

This Is A Project On Air Line Reservation System To Be Used At Different Reservation Agency To Reserve Seats For Passengers On Desktop Application Program. It Is A Customer Oriented Software And Also Easy To Use. The Reservation System Is An Attempt To Integrate The Services Offered By The Different Airlines And Companies. It Proposes To Make The Process Of Flight Creation, Deletion &Reservation Of Seats For Passengers According To Their Requested Destination, Date And Time. Here Different Airlines Will Have A Common Single Platform For Reservation Of Seats Into Their Flights. Thus It Aims At Benefiting The Travelers As Well As The Airlines Concerned. The Objective In Making This Project Is To Better Facilitate Reservation System To Make It More Customers Convenient. And Cover Every Aspect In Satisfying The Needs And The Requirements That Should Be Fulfilled By The Reservation Agency, For The Satisfaction Of Its Customers.

PROJECT OVERVIEW

- Project title :- Airline reservation System
- Objectives :- Reserve airline ticket easily.
- Language used :- VB.NET 2012 &MS-ACCESS 2003
(.net framework)
- Time taken to complete the project :- 16 weeks
- Implemented by :- none

Project Developed by :-

- NAGENDRA DANGI
- RAKESH SUBEDI
- RAMAN SUBEDI
- ROSHAN DHAKAL
- ROSHAN SHRESTHA
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