**AIRLINES RESERVATION System**

EXECUTIVE SUMMARY

The project entitled as “AIRLINES RESERVTION SYSTEM” is an attempt to provide day to day transactions using automated system for airlines. This program has been specifically designed to give students a chance to study a real life system and proposes a system which is better than the existing system in terms of efficiency and accuracy

The objective of developing this kind of automated system is to produce tickets automatically,reduce the paper work, saving time and the details of tickets can be saved and future transactions can be done on the basis of the stored data of customer. This System helps the management to keep an eye on the growth of the airlines. It increases their managerial efficiency and reduces the work load.

**Visual Basic6.0** was used for front end design and **Oracle 10g** was used for backend.

The system consisted of various kinds of processes which were imbibed in themselves to achieve the goals of the airlines reservation. All the Processes are well connected. It generates various reports and tree view of database which can be beneficial for decision making process of management.

The various Processes included in the System are Addition of a Flight, Reservation, cancellation, backup, various Report Generation and Database tree view.

**Ticket reservation** module is to use for ticket reservation with the class economy and the business

**Cancellation module** is to use for cancellation the ticket and update the database again

**Print ticket module** is use for print the ticket by PNR no in the case of loss and theft

**Report generation module** contains report like passenger information detail flight information detail

**Flight update module** is use for update the flight details

This system was designed after analysing the existing system, its limitations and expectancies of the airlines reservation system. The developed system would be a total relief to the management from the problems which occurs frequently and in turn results in loss. The developed system is going to be fully accurate with all the security and validation checks. The chances of mistake in making transactions, report generation and the tickets will be as low as 0.001%.

Introduction and project planning, was about the introduction of the organization and [project management](http://en.wikipedia.org/wiki/Project_management), which was related to the use of [schedules](http://en.wikipedia.org/wiki/Schedule_%28project_management%29) such as [Gantt charts](http://en.wikipedia.org/wiki/Gantt_chart) to plan and subsequently report progress within the project environment. The second phase was system analysis wherein more emphasis was given to understanding the details of an existing system or a proposed one and then deciding whether the proposed system is desirable or not and whether the existing system needs improvements. So, it was all about investigating a system, identifying problems, and using the information to recommend improvements to the system. The third and final phase of summer training was SRS, a structured collection of information that embodies the requirements of a system and a detailed statement of the effects that a system is required to achieve.