

## ABSTRACT

Nowadays, computer based information systems have a very important role in all kinds of businesses. This technology improves the competitive advantage of the company, also, it can help reduce costs, and improve the organization's performance.

This project presents the analysis, design, and implementation of the Management Information system of Yunnan Airlines of China. The old system is a manual system where staff uses computers and handwork to process jobs. In fact, the old system is a semi-computerized system.

For saving time and reducing efficiency problems, the proposed system is developed a network structure to capture data and information. Eventually, the tickets sub-division may share data from the cabin and (or) airlines sub-division. The speed of transferring and processing data will be increased; the efficiency will also be boosted. At the same time, the operations manager can make good decisions in time, based on sharing the data and timely reports.

The DFD, ERD, and Feasibility Analysis approaches have been used in this project. Microsoft Visual Basic 6.0 is used to program in this project.

This project will help Yunnan Airlines boost its operations. Especially, it will improve the efficiency in cabin management, airlines managing, scheduled flights and ticket management.