**1. INTRODUCTION**

The Airline Ticket Booking System (ATBS) was one of the earliest changes to improve efficiency. ATBS eventually evolved into the Computer Reservations System (CRS), and then into Global Distribution System (GDS). The airline industry created the first GDS in the 1960s as a way to keep track of flight schedules, availability, and prices. Although accused of being “dinosaurs” due to their use of legacy system technology, GDSs were actually among the first e-commerce companies in the world facilitating B-2-B electronic commerce as early as the mid 1970s, when SABRE (owned by American Airline) and Apollo (United) began installing their propriety internal reservations systems in travel agencies. Prior to this, travel agents spent an inordinate amount of time manually entering reservations. The airlines realized that by automating the reservation process for travel agents, they could make the travel agents more productive and essentially turn into an extension of the airline’s sales force. It is these original, legacy GDSs that today provide the backbone to the Internet travel distribution system.

**2. OBJECTIVES**

* To develop a system to management of airlines, this will perform all the functions with a click of mouse button’s
* To develop a system that has good management of data along with integrity and minimizing redundancy.
* To develop a system that will be user friendly in all possible ways.
* To provide better customer support for passengers.

**3. TOOLS & PLATFORM USED**

We have a wide range of options of languages. From these options we can choose appropriate platform/ tools and languages for development of the project. Some of these are as follows: -

**Programming Languages: -** In programming language we have Java, JDBC, JSP, Servlet, SQL etc.

**Relational Database: -**MYSQL, SQL Server, etc.

**SOFTWARE REQUIREMENTS:**

**Operating system** : Windows 8.1 Edition

# Front End : HTML, CSS, JSP, Bootstrap

**Back End** : Java, JDBC, Maven.

**Database** : MySQL

**4. ANALYSIS**

**DFD for Airline Reservation System**

**First Level of Data Flow Diagram for**

**System Login**

Password Verification

User Name

Log In

**SYSTEM**

**ADMINSTRATOR**

Verification

Fail

Verification

Success

**5. Screen Short**









