

***FLIGHT MANAGEMENT SYSTEM***

***Programming Fundamentals Project Documentation***

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# ***Introduction***

## ***PURPOSE***

##### The purpose of this project which is programmed in C++ is to build an online system to manage flights and passengers to ease flight management.

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## **PROJECT SCOPE**

## The Online Flight Management System is to provide easiness to the flight management process and to create a convenient and easy-to-use system for passengers trying to buy airline tickets. The system is based on a relational database with its flight management and reservation functions. We will have a database server supporting hundreds of major cities around the world. Above all, we hope to provide a comfortable user experience along with the best pricing available.

# ***OVERALL DESCRIPTION***

### A distributed airline system stores the following information.

## ***Flight Details***

### It includes the originated flight terminal and destination terminal and the number of seats between destinations.

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## ***Customer Description***

### It includes customer code, name, address, and phone number. This information is used for keeping the records of the customer for any emergency or for any other kind of information.

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# ***SYSTEM FEATURES***

## ***Description and Priority***

### The airline reservation system maintains information on flights, classes of seats, personal preferences, prices, and bookings. Of course, this project has a high priority because it is very difficult to travel across countries without prior reservations.

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