## **Team 7**

## Team Members

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## Database Topic

Airline reservation system

## Mission Statement

The database's primary objective is to manage and store information necessary for facilitating and sustaining flight reservations. This includes functionalities for searching flights, booking and canceling air tickets, overseeing order operations, and utilizing analytical tools to enhance the system's efficiency.

## Mission Objectives

### Data Maintenance:

* Maintain (enter, update and delete) accurate and up-to-date passenger information.
* Maintain (enter, update and delete) comprehensive data on flight orders.
* Maintain (enter, update and delete) detailed data on flights.
* Maintain (enter, update and delete) flight order histories.
* Maintain (enter, update and delete) information on airlines.
* Maintain (enter, update and delete) information on airports.
* Maintain (enter, update and delete) records of suppliers.
* Maintain (enter, update and delete) records of customers.
* Maintain (enter, update and delete) coupon data.
* Maintain (enter, update and delete) other services data, including airport pickup and dropoff and hotel booking.
* Maintain (enter, update and delete) shop information at airports.
* To perform searches on passengers.
* To perform searches on flight orders.
* To perform searches on flights.
* To perform searches on flight order histories.
* To perform searches on airlines.
* To perform searches on airports.
* To perform searches on suppliers.
* To perform searches on customers.
* To perform searches on coupon usage.
* To perform searches on other services, including airport transportation and hotel bookings.
* To perform searches on airport shop offerings.
* To track flight frequencies and schedules.
* To track passenger Information
* To track crew Information
* To track aircraft maintenance records
* To track ticketing and reservations
* To track baggages
* To track airport services and facilities
* To track customer feedback and complaints