

# Project Phase 4

## Airways Management Report



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## **1 Schedule a Flight**

This allows users to schedule a new flight in the airways management system. Provide details such as departure city, arrival city, departure time, and other relevant information.

## **2 Book a Ticket**

Users can book tickets for scheduled flights. Include passenger details, flight information, and ticket details in this section.

## **3 Update Details of a Passenger**

This section allows updating the details of a registered passenger. Users can modify information such as name, date of birth, or contact details.

## **4 Change the Number of Runways in an Airport**

Modify the number of runways at a specific airport. This is useful for airports that need to adapt to changes in traffic or operational requirements.

## **5 Cancel a Ticket**

Enable users to cancel a booked ticket. Handle the cancellation process and update relevant databases accordingly.

## **6 Remove a Shop from Airport**

Remove a shop or retail establishment from an airport. This could involve updating the list of shops available in the system.

## **7 Select Details of a Passenger and Print It**

Retrieve and display details of a specific passenger. This section may involve querying the database for passenger information and presenting it in a readable format.

## **8 Select a Ticket of a Passenger and Print Its Details**

Similar to the previous section, but focused on displaying details related to a specific ticket booked by a passenger.

## **9 List of All Tickets Booked by Travel Agency A**

Generate a list of all tickets booked by a specific travel agency (e.g., Travel Agency A). This can be useful for tracking bookings from different agencies.

## **10 List of Domestic Airports**

Provide a list of all airports categorized as domestic. This section may involve querying the system for airports with specific characteristics.

## **11 Total Revenue Collected by a Flight**

Calculate and display the total revenue collected by a particular flight. This involves considering the price of each booked ticket.

## **12 Determine the Average Fare for Flights Between Two Specific Airports**

Calculate the average fare for flights operating between two specified airports. This can help in understanding pricing trends for specific routes.

## **13 Print Passenger Details Starting Name with "S"**

Retrieve and display details of passengers whose names start with the letter "S." This involves querying the database for relevant information.

## **14 Print All Flights Scheduled in November**

Generate a list of all flights scheduled for the month of November. This section is focused on providing a schedule for a specific month.

## **15 Select the Most Used Airline**

Identify and display information about the airline that is most frequently used in the airways management system. This may involve analyzing booking data.

## **16 Print All flights from one city to another having same date sorted first according to time and then according to fare**

On a particular day, print all flights from one city to another. Show flight in sorted order of time and if time is same then sort according to fare

## **17 Logout**

Exit from the interface