

# AIRLINE RESERVATION SYSTEM:



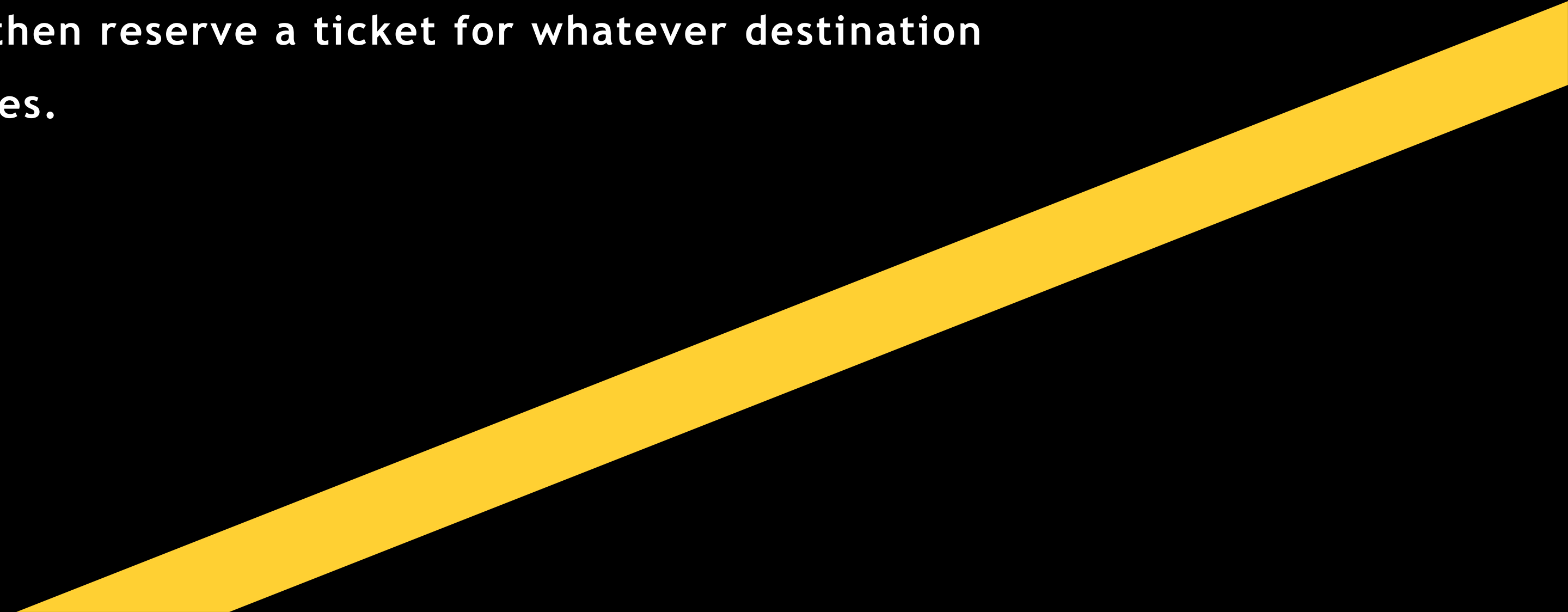
# **Airline Management System:**

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Section: BEE-14B**



# Introduction:

The customer's details will be entered into an airline reservation system which will then reserve a ticket for whatever destination the customer desires.



# Tools used

## Topics Covered

- 1> **Classes**
- 2> **Inheritance**
- 3> **Loop whole**
- 4> **Vector**
- 5> **File Handling**
- 6> **Encapsulation**

# IDE's Used



**VISUAL STUDIO 2022**

# Classes used:

Class Management	Class Detail:	Class Registration	Class Ticket
<p>Initializes the main menu and controls the flow of the program.</p>	<ul style="list-style-type: none"><li>•Stores and manages customer details, such as name, age, gender, and customer ID.</li><li>•Allows input and display of customer information</li></ul>	<ul style="list-style-type: none"><li>•Handles the flight registration process, including the selection of flights and calculation of charges.</li><li>•Manages the choice of destinations and flight details</li></ul>	<ul style="list-style-type: none"><li>•Generates a bill with customer details, destination, and flight cost.</li><li>•Saves customer details to a CSV file and displays the bill.</li></ul>



# Functions used:

## Libraries Used:

**iostream:** Used for standard input and output operations.

**fstream:** Used for file input and output operations.

**iomanip:** Used for formatting output.

**string:** Used for string manipulation.

**vector:** Used to manage a collection of customer details.

**Add customer Details.**

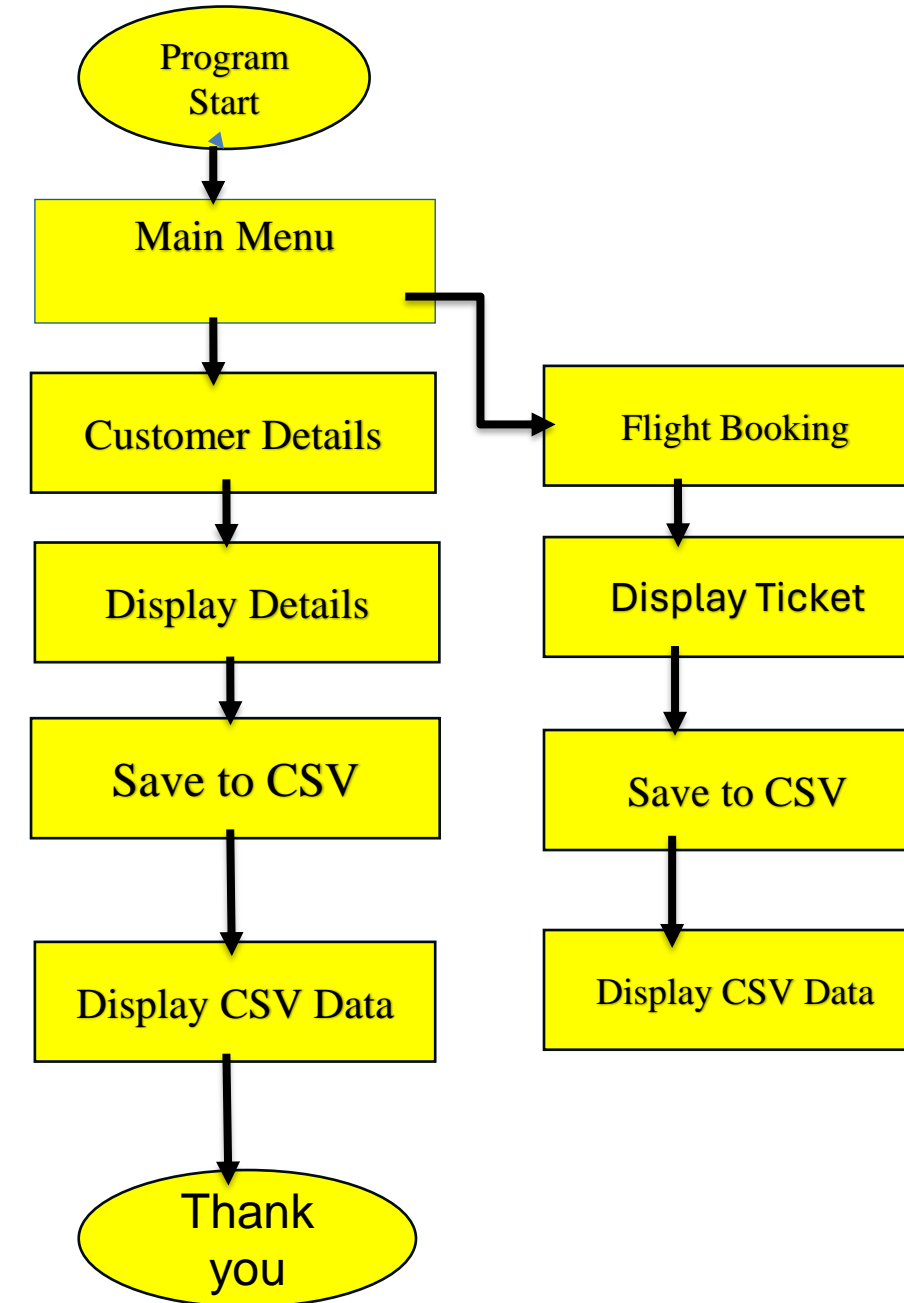
**Save details  
to csv file.**

**Register for a  
flight**

**Generate and  
Display Ticket**



# Flow chart



# Ticket:

press 1 to display your ticket

Kalal Airlines

Ticket

customer ID :567

customer Name :huzaiifa

customer Gender :male

description :

Destination	USA
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Flight cost:	29000
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## A modern interior scene featuring a white round table with black legs, a wooden chair with a blue cushion, and a potted plant on a windowsill. The floor is made of light-colored wood planks. A large white diagonal shape cuts across the upper right portion of the image.

[illegible]

# GitHub link:



<https://github.com/ranalal/airline-management-system.git>



Thank you!