

# Airline management system

- Presented by: Rano mal
- Section: BEE-14B



# Introduction

## **Airline Management System:**

- The code implements an Airline Management System in C++, allowing users to interact with a menu-driven system for customer details, flight registration, ticket generation, and data storage.. This system takes the details of a customer and saves it after getting all information finally our system prints the ticket.

# Function of Airline management system

- **This system take the all information of costumer .After obtaining the customer's details, he will schedule the flight, the destination, the time and location of travel, and finally the ticket with all the information.**



## 2. Process:

### Modular Object-Oriented Design:

The program is structured using object-oriented principles, with classes such as **Details**, **registration**, and **Ticket** handling specific functionalities, promoting code organization and reusability.

### Customer Information Handling:

The **Details** class manages customer information, including ID, name, age, and gender. Customers can input their details, which are then saved and can be displayed upon request.

### Flight Registration and Booking:

The **registration** class facilitates flight registration, presenting a menu of destinations and associated flights. Users can select a flight, and the system calculates charges based on the chosen destination, saving this information for ticket generation.

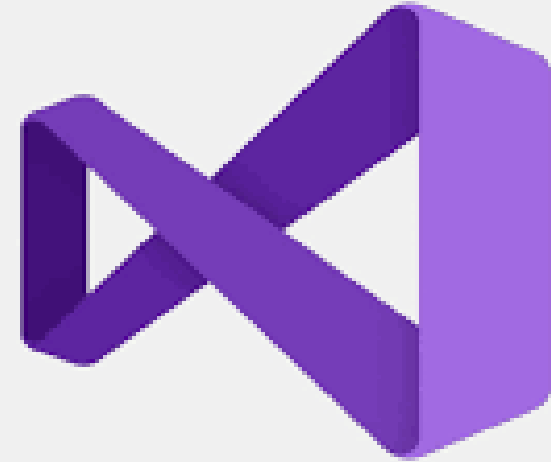
### Ticket Generation and Data Storage:

The **Ticket** class handles the creation and display of tickets. It generates a text-based bill, saves customer details and ticket information to both a text file ("records.txt") and a CSV file, providing options for users to view their generated documents.

# Used Software



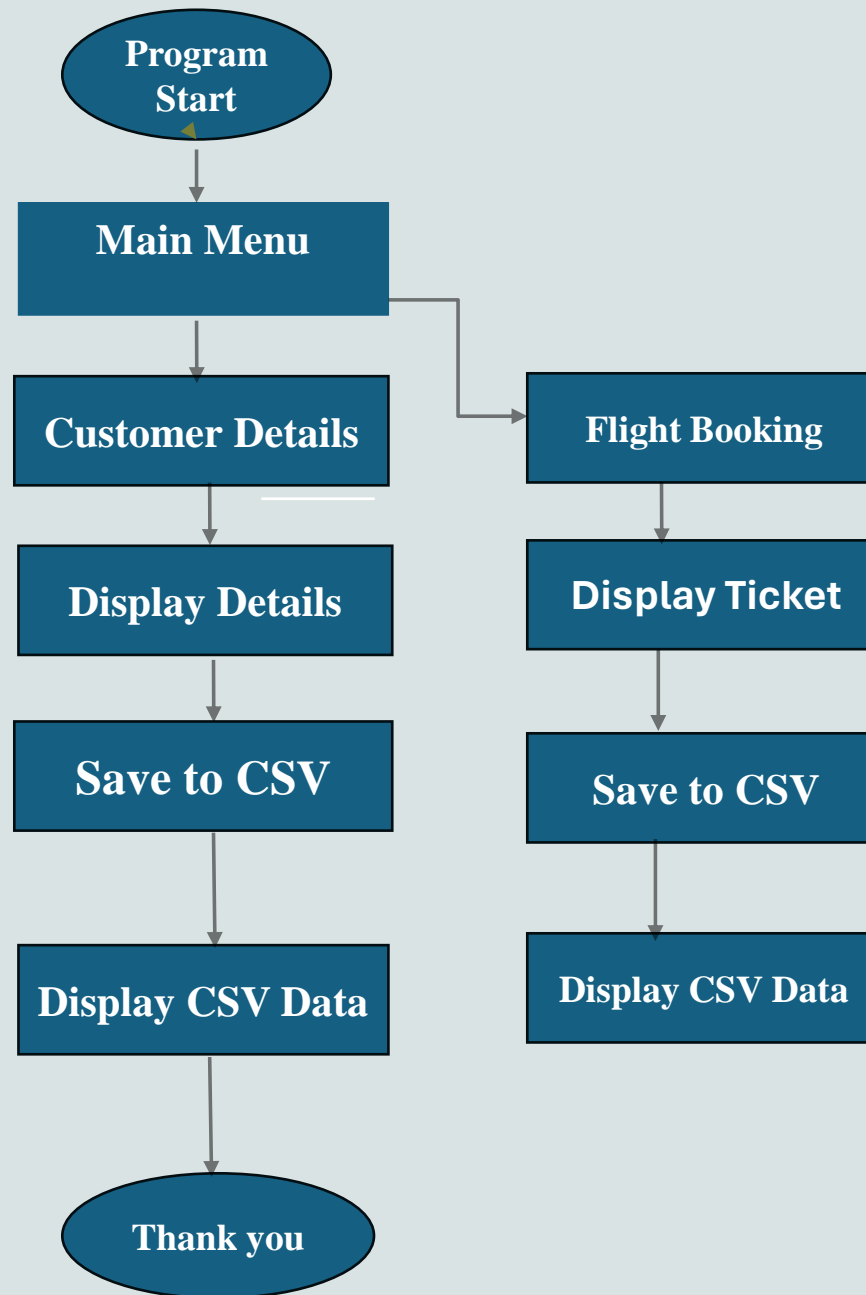
Libraries of C++



VISUAL STUDIO 2022

```
include<iostream>  
include<fstream>  
include<iomanip>  
include<string>
```

# Flow chart



File handling, CSV file:

using ofstream class with its object we make this file.

ifstream: used for read the file

ofstream: used for write the file

iomanip: used for both read and write

CSV files :

A	B	C	D	E	F	G
Customer	Name	Age	Gender	Destinatio	Flight Cost	
415797	ranomal	20	male	Canada	29000	





**THANKS FOR  
YOUR  
ATTENTION**

The image shows a close-up of a white notepad resting on a dark, textured wooden surface. A silver-colored fountain pen with a gold-colored nib is positioned diagonally across the left side of the notepad. The pen's cap, which is also silver-colored, lies horizontally to the right of the notepad. The text 'THANKS FOR YOUR ATTENTION' is printed in a large, bold, black, sans-serif font, centered on the notepad. The lighting is soft, creating subtle shadows and highlighting the textures of the wood, the paper, and the metal of the pen.