

AIRLINE RESERVATION SYSTEM:



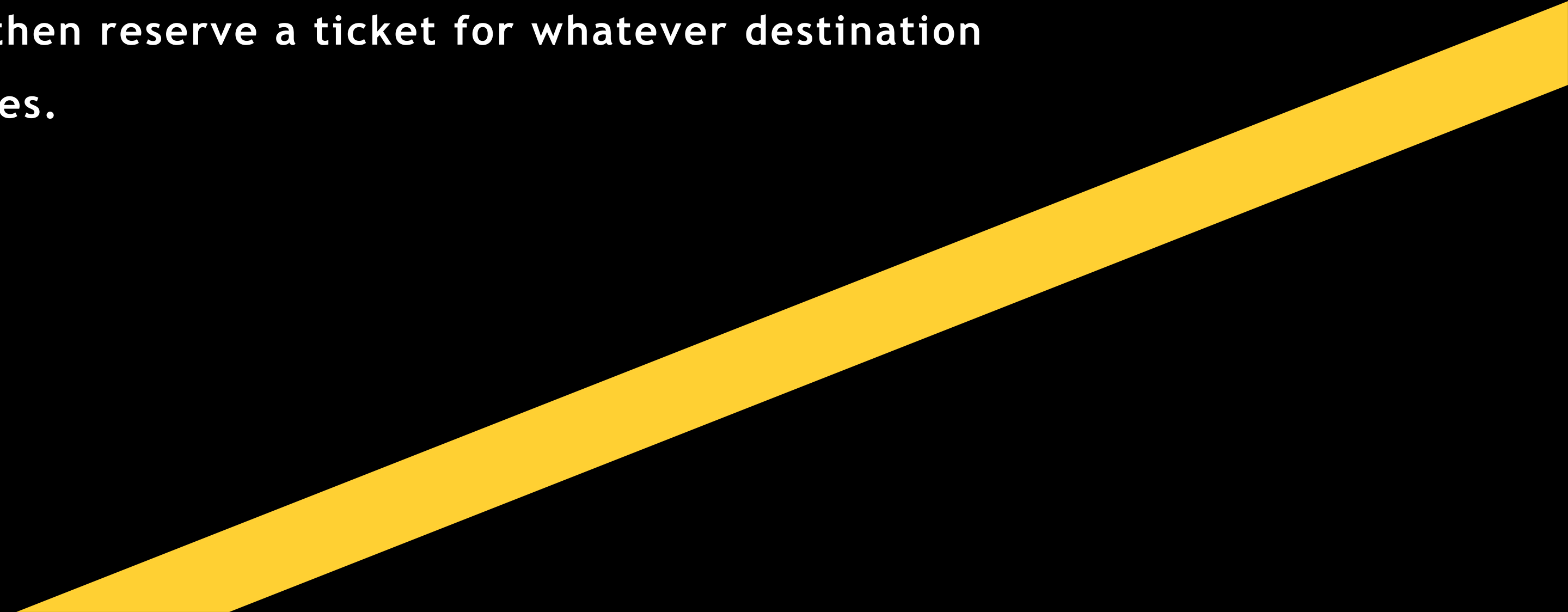
Airline Management System:

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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

Initializes the main menu and controls the flow of the program.

Class Detail:

- Stores and manages customer details, such as name, age, gender, and customer ID.
- Allows input and display of customer information

Class Registration

- Handles the flight registration process, including the selection of flights and calculation of charges.
- Manages the choice of destinations and flight details

Class Ticket

- Generates a bill with customer details, destination, and flight cost.
- Saves customer details to a CSV file and displays the bill.

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.

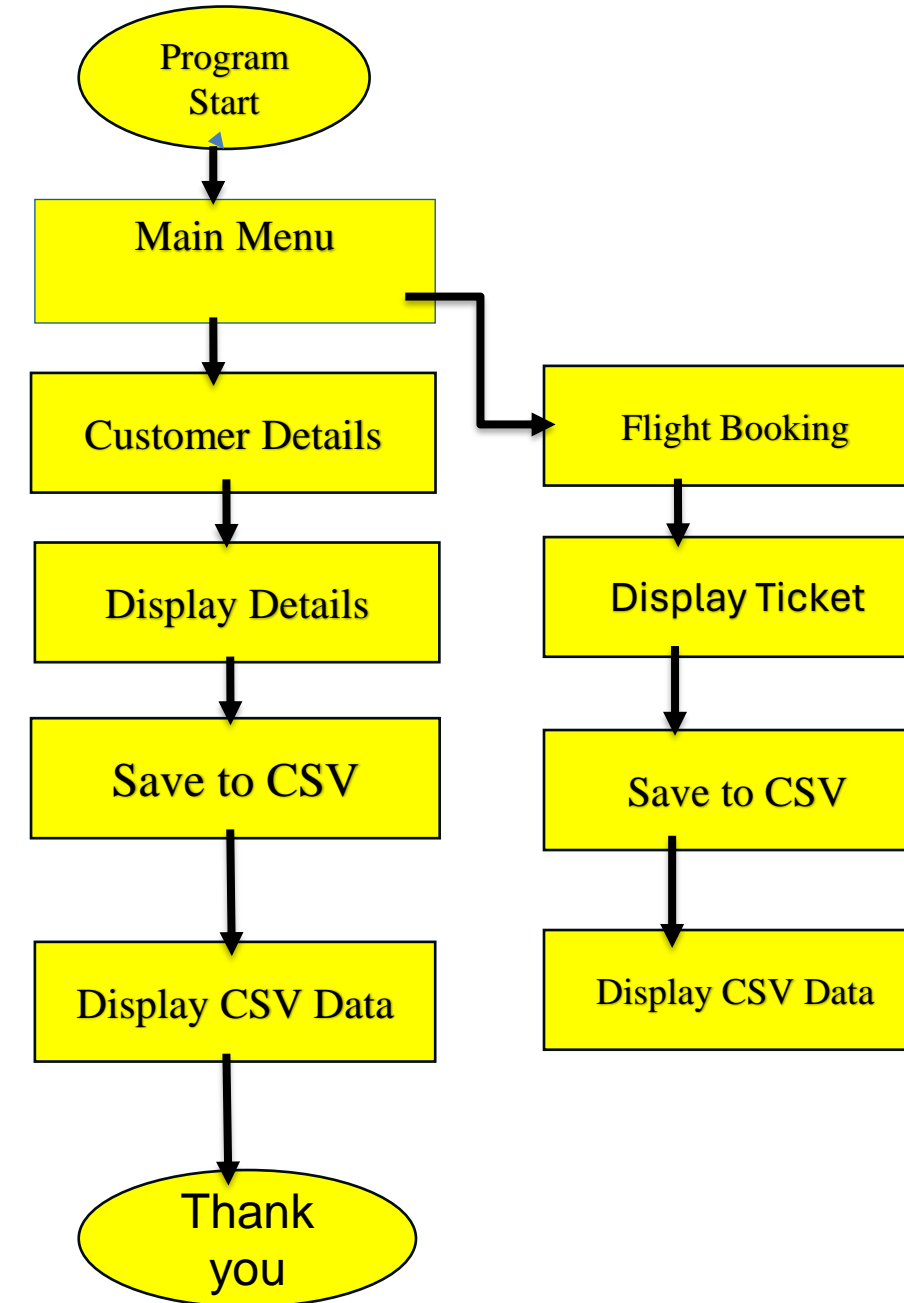
**Save details
to csv file.**

**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 top right of the image.

Write your topic or idea

Briefly elaborate on what you want to discuss.



Thank you!