

PROJECT REPORT

AIRPLANE MANGEMENT SYSTEM

INTRODUCTION

This project on Airline Management System is the automation of registration process of airline system. The system is able to provide much information like passenger's information, list of all passengers etc. The system also allows us to add records when a passenger reserves a ticket. For data storage and retrieval we use the file-handling facility of C# Language. It enables us to add any number of records in our database. But for intrinsic nature of file handling, the retrieval process is slow when we Search a particular record in the database, because record is searched sequentially

ABOUT PROJECT:

The project named "Airline Management System" is create in Visual Studio 2019 .NET C#, mainly because of it's suitability for this type of application. Its user friendly nature and in-built documentation, complication, error detection, binding facilities and interaction with other software packages make it most powerful tool for software development. Moreover ..NET C#

consists of all the technologies that help in creating and running robust, scalable and distributed packages. C# is a general-purpose object-oriented programming language, and is intended to be an improved C# with object capabilities. Assistance is provided to the user at each and every step so that no problem is faced during using it. Further the details of every process and the user manuals attached

in the report make it very easy to understand. Every possible care has been taken to make the software and the report clear, simple and error free which makes it so special and one of its kind.

PROJECT OVERVIEW:

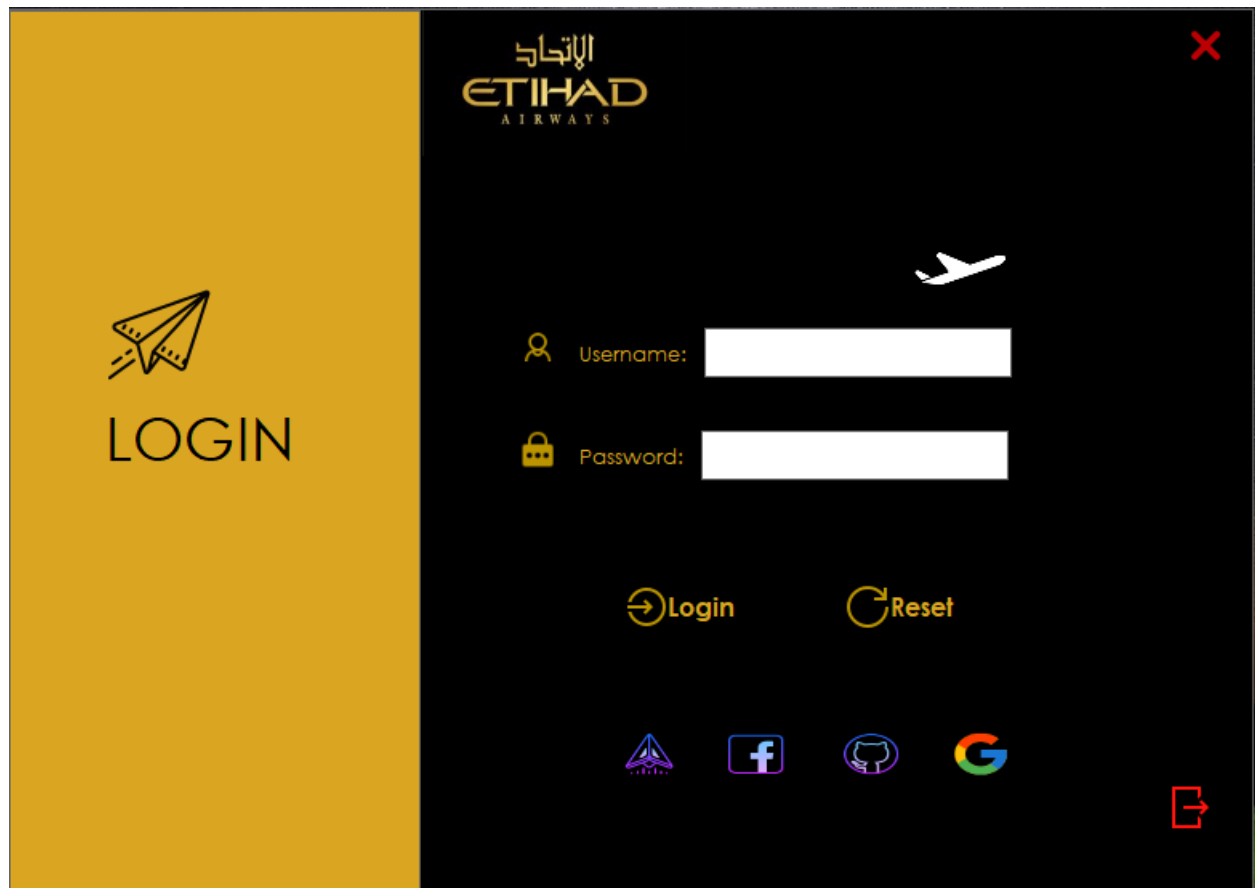
- *Database and database systems have become an essential component of everyday life in modern society. In the course of a day, most of us encounter several activities that involve some interaction with the database. For example, if we go to the bank to deposit or withdraw funds or if we make a Hotel or Airline Reservation, chances are that our activities will involve someone accessing a database.*
- *The above interactions are examples of what we may call traditional database applications, where most of the application that is stored and accessed is either textual or numeric. In our project we will concentrate on this aspect of computer application.*
- *There are several ways to implement databases. Some of them are file handling mechanism, relational database, object-relational database or object-oriented databases. In our project we will use file-handling feature provided by C# Language.*
- *This program shows you an insight into the management process of reservation in Airline Management system. The whole process of Airline Management System is shown with the help of this project. It provides facility to add/Modify/Delete/search Airline Management details. and provide facility to view the list of Team .*
- *Facility to view the list of Team .*

FEATURES OF PROJECT:

- *User can View Login Page And Login to Enter Application .*
- *User can also view Flight Info.*
- *User can also view Passenger Info.*
- *User also view Ticket booking info.*
- *User also can view ticket Cancellation Info.*
- *User can view Add about passengers by clicking passengers Button from the main menu.*
- *User can view record about flight by clicking flights from the main menu.*
- *User can also cancel the reserved ticket for flight by clicking Cancel from Main Menu.*
- *User can also view Passengers Detailed by clicking Passenger Button from main Menu.*

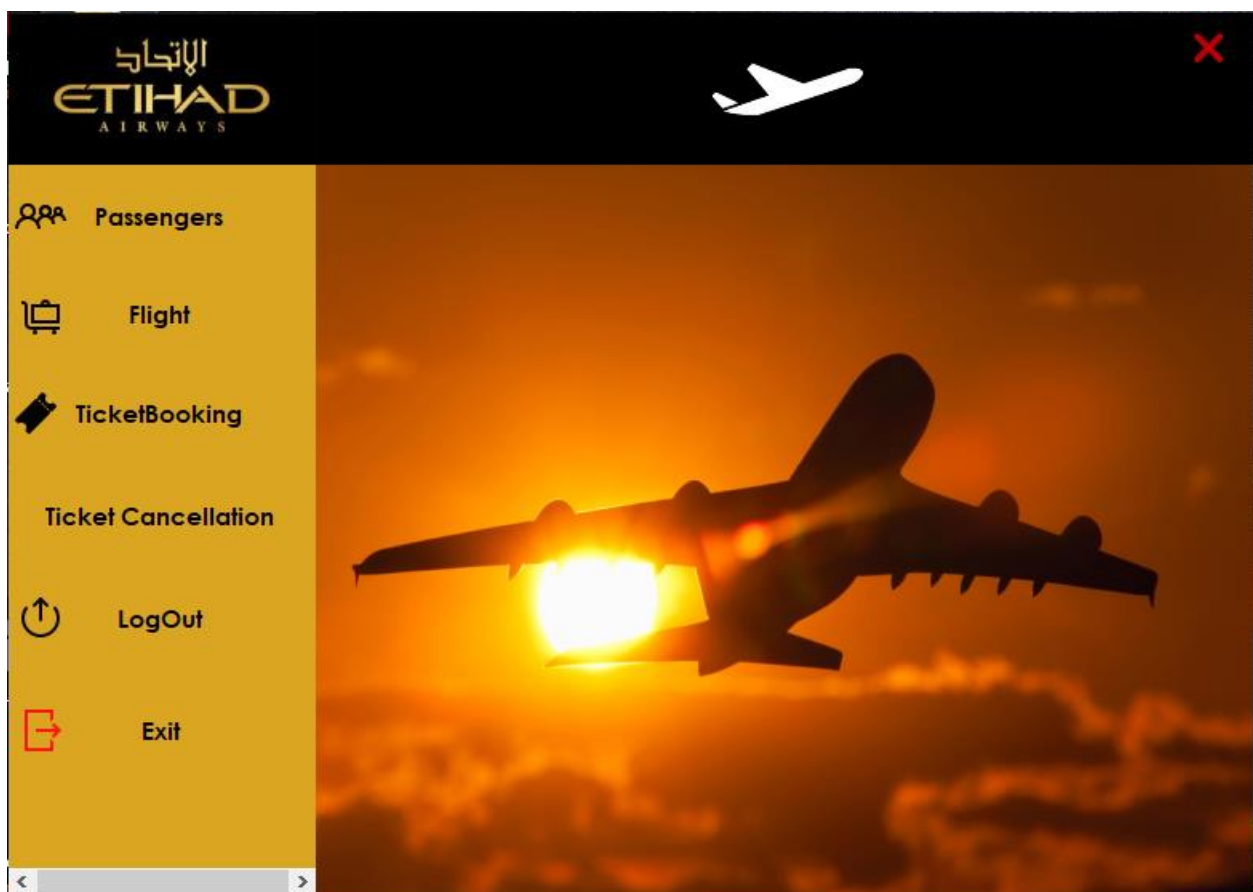
METHOLOGY:

LOGIN PAGE :




➤ *User can View Login Page And Login to Enter Application .*

MAIN MENU :



➤ *User also view Main Menu.*

PASSENGER INFO :



Passenger ID:

Passenger Name:





Passport:


Phone:

Nationality:

Gender:



Address:


 Add  Clear  View Passengers 




➤ *User can also view Passenger Info.*

PASSENGER VIEW INFO :




 Passenger ID:


 Passport:

 Gender:

 Phone:

 Passenger Name:

 Nationality:

 Address:

 Update

 Delete

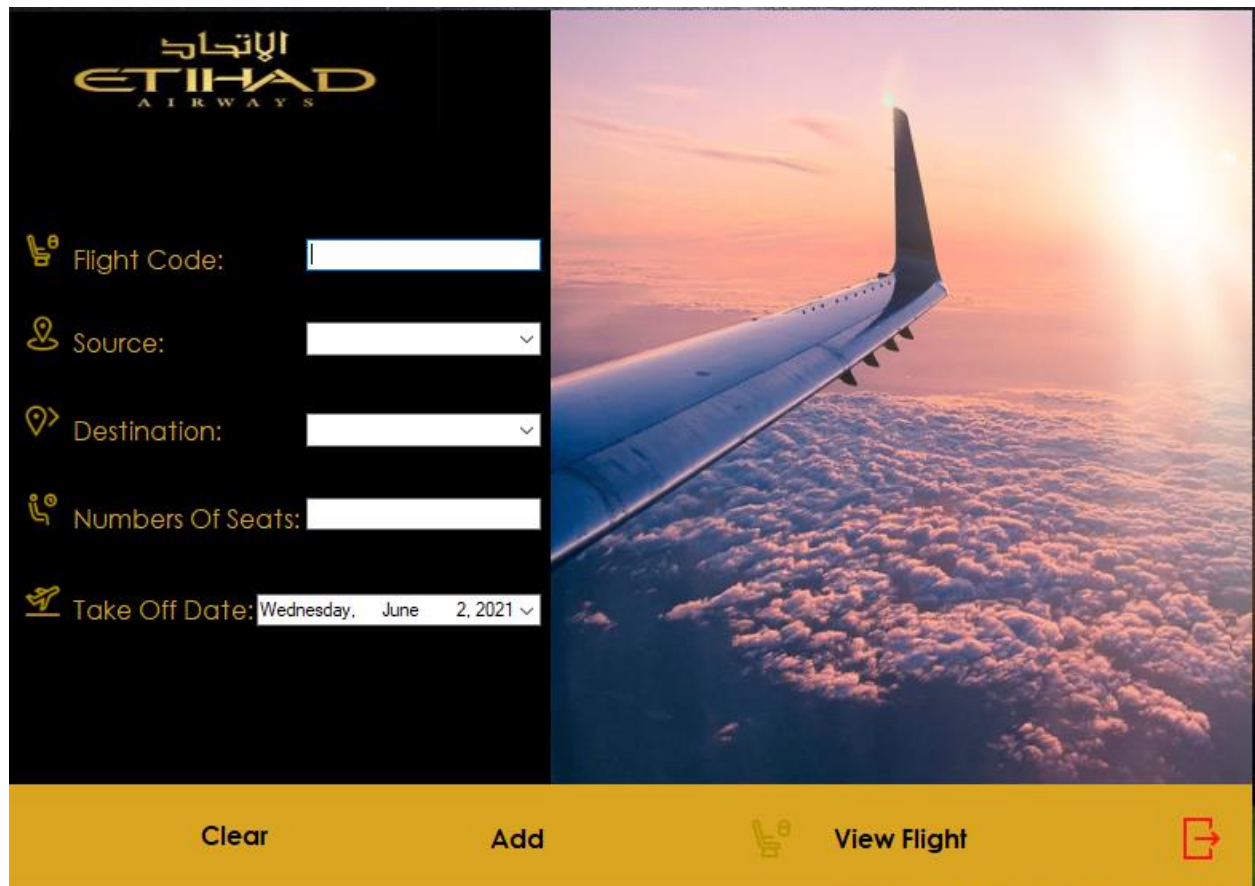
 Clear

 Back




➤ *User also view Passenger info.*

FLIGHT INFO :


The image shows a flight search interface for Etihad Airways. On the left, there is a dark blue sidebar with the Etihad Airways logo at the top. Below the logo, there are five input fields, each with a yellow icon: a ticket for 'Flight Code:', a location pin for 'Source:', a location pin with an arrow for 'Destination:', a person for 'Numbers Of Seats:', and a calendar for 'Take Off Date:'. The 'Take Off Date' field is pre-filled with 'Wednesday, June 2, 2021'. To the right of the sidebar is a large image of an airplane wing flying over a sea of clouds at sunset. At the bottom of the interface is a yellow bar with four buttons: 'Clear', 'Add', 'View Flight' (with a yellow ticket icon), and a red square button with a white arrow pointing right.


➤ *User can also view Flight Info.*


FLIGHT VIEW INFO :




	code	source	Destination	date	number_of_seats
▶	52	pakistan	turkey	6/2/2021 4:52:2...	System.Windows...
*					



 Update


 Delete


 Reset


 Back


TICKET BOOKING INFO :





 Ticket ID:


 Passenger Name:

 Passport:

 Nationality:

 Flight Code:


 Passenger ID:


 Amount:


Ticket Booking


	TicketId	codef	passengerID	passengerName	passengerPassport	passengerNationalit	Amount
▶	1	Aman Ahmed	A223LG	Pakistan	52	1	344444
	43	faizan	234pak	Pakistan	52	3	242332
*							

< >

 Book


 Reset

 Back



➤ *User also view Ticket booking info.*

TICKET CANCELLATION VIEW :

✕

Ticket ID:

Flight Passenger Name:

Cancelled:

Date:

Ticket Cancellation

Cancel

Reset

Back

➤ *User also view Ticket Cancellation info.*