

1. Purpose

This document aims to provide end-user a standardized description about Airline Reservation System, which will help user to be more successful with software and work with features easily.

2. Product Overview

Airline Reservation system contains details about the flights, ticket and passenger management system. Airline Reservation will allow you to add new flights, view flights, add Passenger, view Passenger Details, book tickets and cancel tickets. This is standalone system and this is offline application, so it work without internet connection. This is .NET framework based, so it can work on windows system and on any device that has .NET framework.

3. Product Features

3.1 Home Page



On home page, you will find the four sections, first is all about flight related details like add or view flights, second is about passenger related, where you will add or remove passenger, third is about tickets where you will book tickets and last one is about cancellation where you will cancel the booked tickets.

3.2 Record New Flight

The screenshot shows a web application window titled 'recordNewFlight'. The main heading is 'Record New Flight'. The form contains the following fields and values:

- Flight Code: FA200
- Source: Faisalabad (dropdown menu)
- Destination: Peshawar (dropdown menu)
- Pick Date: Friday, 25 Feb (dropdown menu)
- Number of Seat: 200

Buttons at the bottom include 'Record' (highlighted), 'Reset', 'Back', and 'View Schedule'. A modal dialog box is open, displaying the message 'Flight Recorded Successfully' with an 'OK' button. An airplane icon is also visible in the background.

As you click on button flight display on home page, you will be redirected to record new flight.

On this page, you will have to provide

Flight Code: your unique flight code

Source: You have to select location from where the flight will takeoff

Destination: You have to select location from where the flight will land

Pick Date: On which date flight will takeoff.

Number of seats: Define Seat capacity, how many seats total are in flight.

After providing these all details, click on record button to record your flight, a message box will appear they will display ("Flight Record Successfully"), if flight is successfully recorded.

If you want to get details of flight that has been recorded yet, click on "View Schedule" button.

3.3 View Schedule Flights

The screenshot shows a web application window titled 'viewScheduleFlight'. The main heading is 'View Schedule Flight'. Below the heading, there are several input fields and buttons. The 'Flight Code' field contains 'FA200'. The 'Source' dropdown menu is set to 'Faisalabad'. The 'Take of Date' dropdown menu is set to 'Thursday , 24 Februz'. The 'Destination' dropdown menu is set to 'Peshawar'. The 'Number of Sea' field contains '200'. Below these fields are four buttons: 'Update', 'Delete', 'Reset', and 'Back'. At the bottom, there is a table with the following data:

| | Fcode | Fsrc | FDest | FDate | FCap |
|---|-------|------------|----------|--------------------|------|
| ▶ | FA200 | Faisalabad | Peshawar | 25/02/2022 12:1... | 200 |
| * | | | | | |

After Clicking on View Schedule Button, you will redirect to View Schedule Flight.

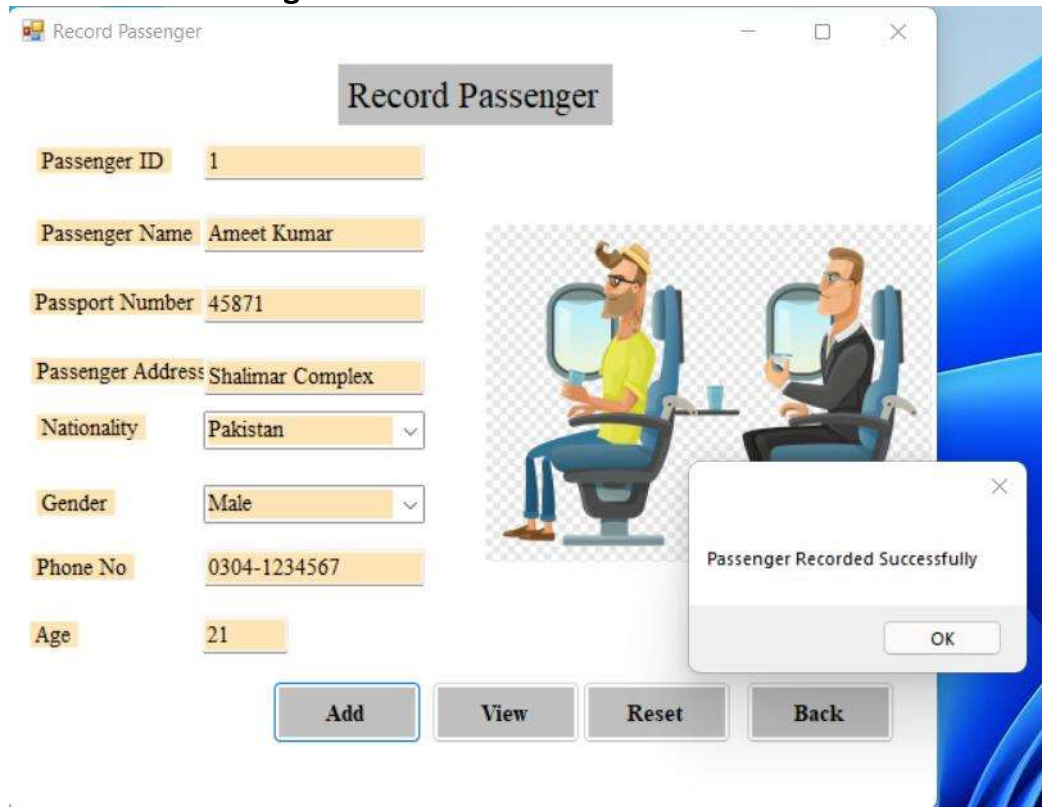
On this page, you all recorded flight will be display you in box.

As you click on any row, all text box will filled automatically.

If you want to update any flight details you can, just by changing details in text box and press update button.

If you want to delete a flight, you can easily do, by selecting a row that you want to delete, then all text box will be filled and press the delete button.

3.4 Record Passenger



Record Passenger

Passenger ID: 1

Passenger Name: Ameet Kumar

Passport Number: 45871

Passenger Address: Shalimar Complex

Nationality: Pakistan

Gender: Male

Phone No: 0304-1234567

Age: 21

Buttons: Add, View, Reset, Back

Modal Message: Passenger Recorded Successfully

Modal Button: OK

From home page or by pressing back button you will be redirected to Record Passenger page.

Here you have to provide all details about Passenger.

Add: After providing all details, add button will record the passenger details in database.

View: Will redirected you to page, that will show all passenger record.

3.5 View Passenger

ViewPassenger

View Passenger

Passenger ID

1

Passenger Name

Ameet Kumar

Passport Number

45871

Passenger Address

Shalimar Complex

Nationality

Pakistan

Gender

Male

Phone No

0304-1234567

Age

21

Update

Delete

Reset

Back

| | PassId | PassName | Passport | PassAd | PassNat | PassGender |
|---|--------|-------------|----------|------------------|----------|------------|
| ▶ | 1 | Ameet Kumar | 45871 | Shalimar Complex | Pakistan | Male |
| • | | | | | | |

Here you will all details about passenger, you can also update any passenger record by selecting that passenger record and update the details in text boxes and pressing the update button. In same way, by selecting you can delete the record.

3.6 Book Ticket

TicketBooking

Ticket Booking

Ticket ID

1

Flight Code

FA200

Passenger ID

1

Passenger Name

Ameet Kumar

Passport Number

45871

Nationality

Pakistan

Age

21

Amount

3200

Gender

Male

Book

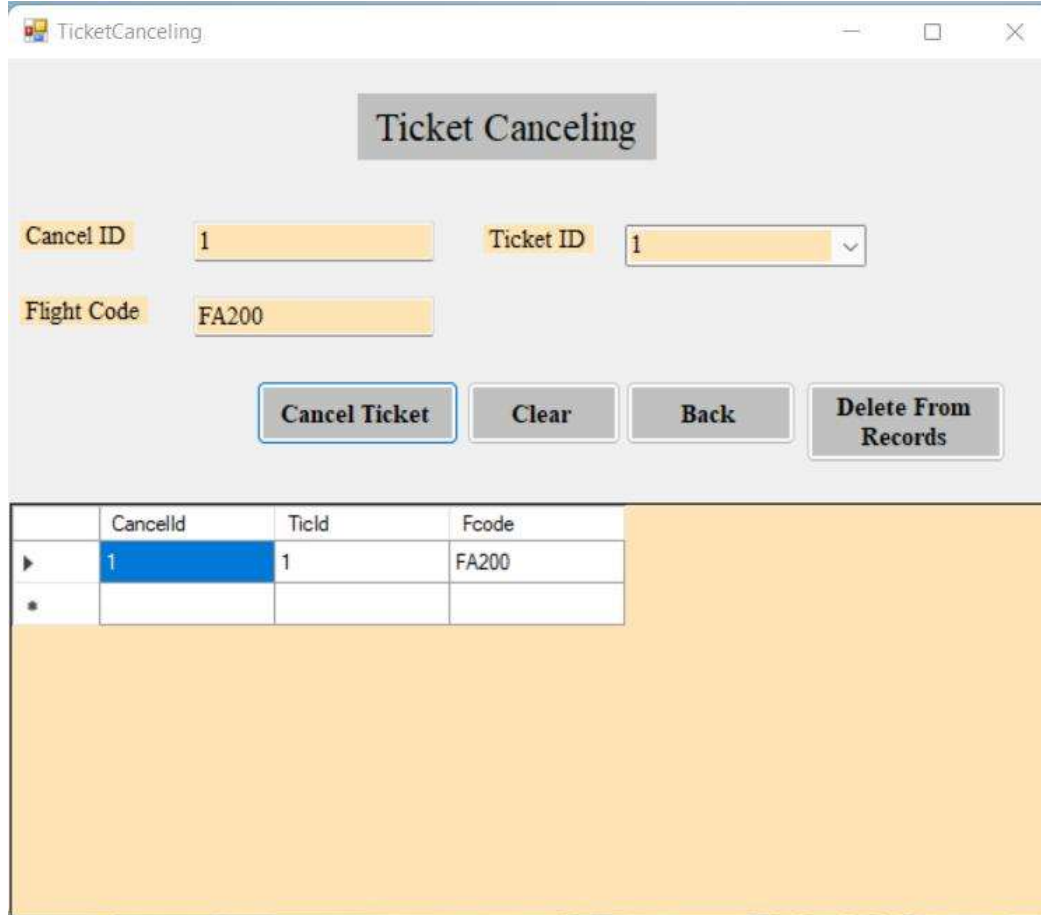
Reset

Back

| | Name | PGen | PPass | PNation | PAge | Amnt |
|---|-------------|------|-------|----------|------|------|
| ▶ | Ameet Kumar | Male | 45871 | Pakistan | 21 | 3200 |
| * | | | | | | |

On Book Ticket page, you just have to select passenger id, all record will be filled in textbox and you will have to select Flight code, provide the ticket amount, afterward click on book button to book ticket.

3.7 Cancel Ticket



The screenshot shows a web application window titled "TicketCanceling". The main heading is "Ticket Canceling". Below the heading, there are three input fields: "Cancel ID" with the value "1", "Ticket ID" with a dropdown menu showing "1", and "Flight Code" with the value "FA200". Below these fields are four buttons: "Cancel Ticket" (highlighted with a blue border), "Clear", "Back", and "Delete From Records". Below the buttons is a table with the following data:

| | CancelId | TicId | Fcode |
|---|----------|-------|-------|
| ▶ | 1 | 1 | FA200 |
| * | | | |

The table is followed by a large orange rectangular area.

Here you have to select ticket id, and press cancel button to cancel the booked ticket.

Delete from records: If you want to delete the record of cancel tickets, you can do by selecting and pressing the cancel button.