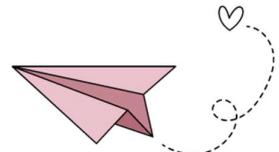




# AIRLINE RESERVATION SYSTEM



PROJECT BY  
**NAUSHEEN FAIYAZ**



## **ACKNOWLEDGMENT**

I would like to express my heartfelt gratitude to everyone who supported and encouraged me throughout the development of this Airlines Reservation System project in Visual Basic 6.0.

This project was a culmination of my dedication and perseverance.

I am deeply thankful to myself for the time and effort invested in conceptualizing, designing, and implementing every aspect of the system. The journey of creating this reservation system has been both challenging and rewarding, and it has significantly enhanced my skills in software development.

I would also like to thank my family for their unwavering support and understanding during this endeavor.

Their encouragement kept me motivated through late nights and debugging sessions.

Lastly, I am grateful to [S.N.S COLLEGE] for providing me with the opportunity and resources to undertake this project independently.

This project stands as a testament to my passion for programming and problem-solving. Thank you to everyone who believed in me and contributed to this achievement.

## **PROJECT BY**

**NAUSHEEN FAIYAZ**

**Registration No- 1312631**

**Roll No- 24131413051**

# **CERTIFICATE**

This is to certify that this is a bonafide record to the project work done satisfactorily at ..... by .....  
of .....

This report or the similar report on this topic has not been submitted for any other examination and does not form part of any other course undergone by the candidate.

NAUSHEEN FAIYAZ

BCA III YEAR

# TABLE OF CONTENTS

01

**BLOCK DIAGRAM**

**IMPLEMENTATION**

02

03

**TOOLS AND TECHNOLOGY**

**SYSTEM DESIGN**

04

05

**SOURCE CODE**

**DATABASE**

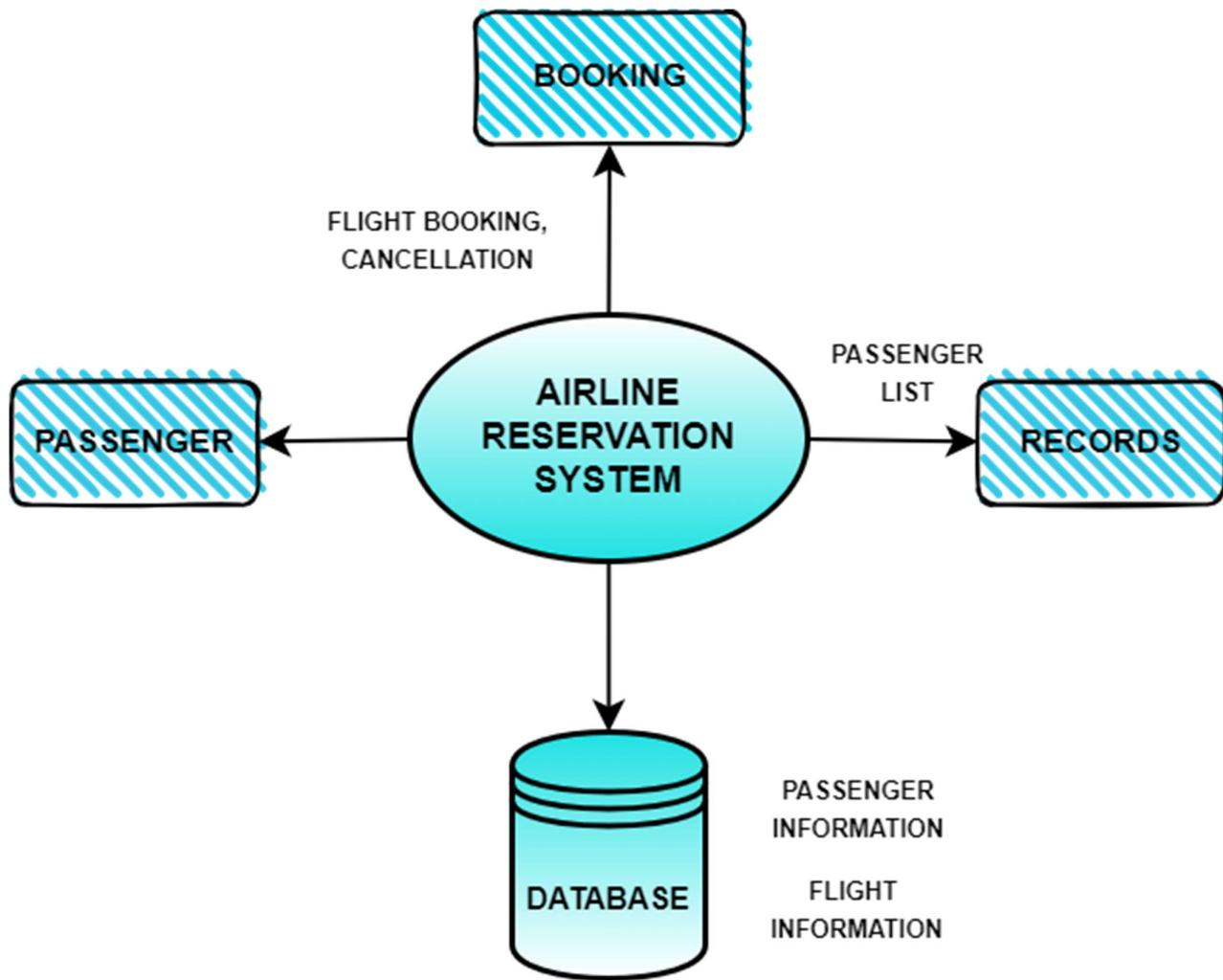
06

07

**CONCLUSION**

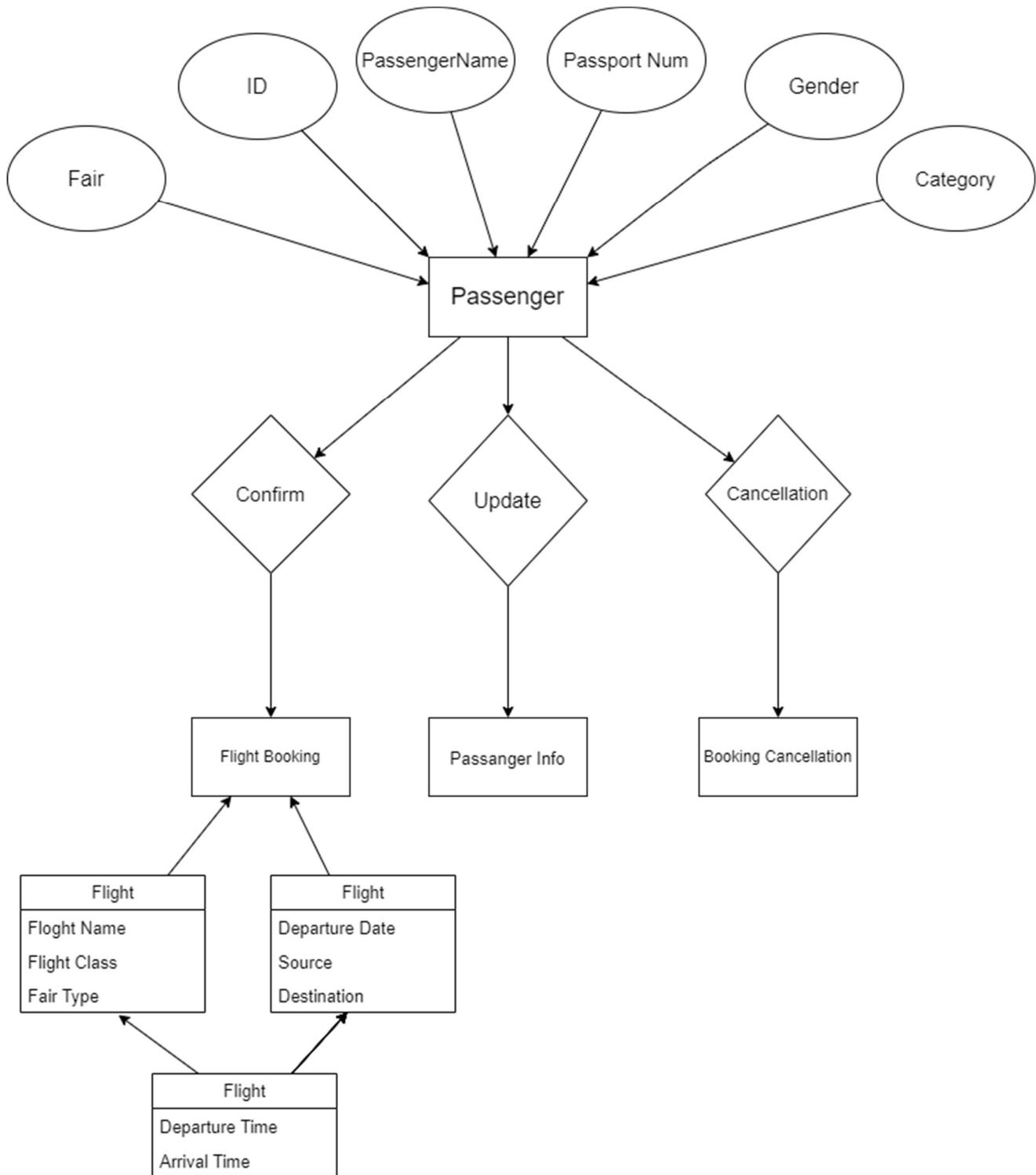
# BLOCK DIAGRAM

The block diagram illustrates the modular structure of the Airline Reservation System (ARS), showcasing essential components like the User Interface, Flight Database, Booking Management, Admin Dashboard and External Interfaces. Each module plays a crucial role in enhancing booking efficiency, ensuring real-time data synchronization, , and facilitating seamless integration with external systems.



This system is designed to streamline the booking process for airline passengers and enhance operational efficiency for the airline company.

# ER DIAGRAM FOR AIRLINES



# IMPLEMENTATION

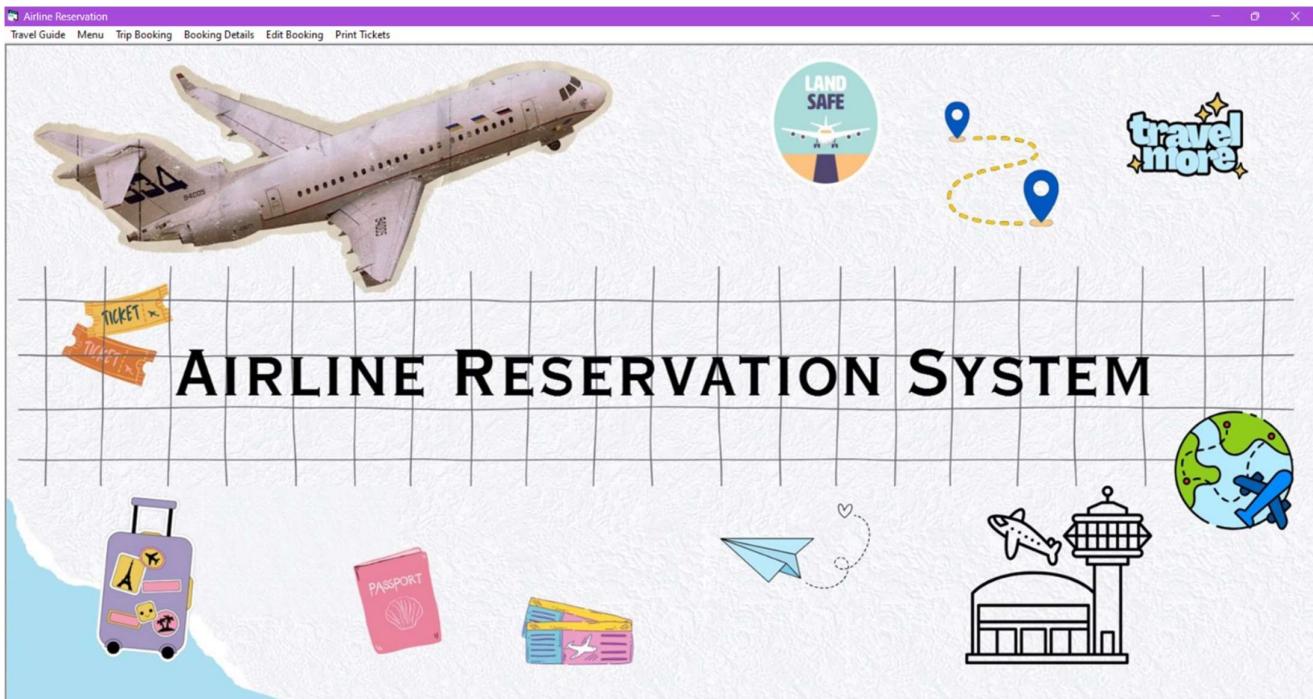
For the implementation of my project the mirror H/W & S/W requirements as under

HARDWARE	SOFTWARE
Intel Core i5 or higher (e.g., Intel Core i7)	
Minimum 8GB DDR4 RAM (or higher)	Microsoft Access
Solid State Drive (SSD)	Microsoft Word
Intel UHD Graphics 630	Microsoft Visual Basic 6.0
Windows 10 Pro (64-bit)	

## TOOLS AND TECHNOLOGIES

- **Visual Basic 6.0:** IDE for designing forms and writing code.
- **Access Database:** Used for storing flight, passenger, and reservation data.
- **ADO (ActiveX Data Objects):** Interface for connecting to and manipulating data in Access.
- **SQL (Structured Query Language):** Used to query and update the database.

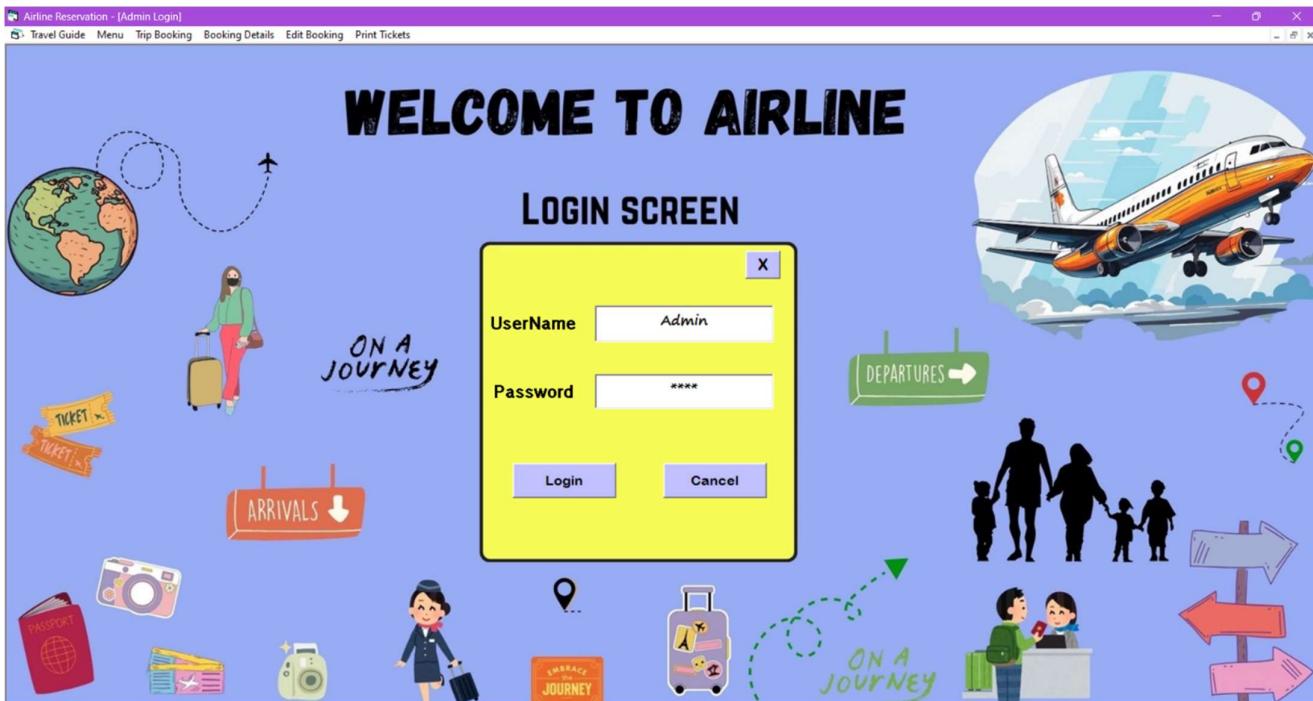
## → MDI FORM



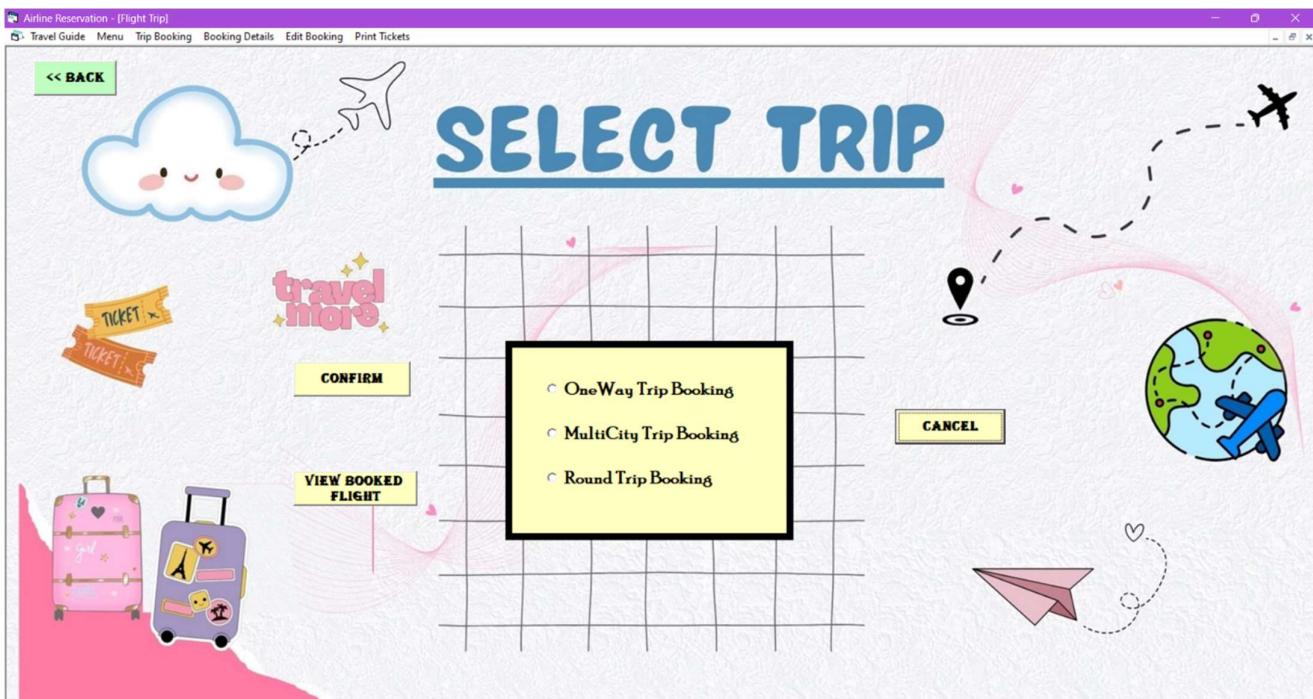
## → TRAVEL GUIDE



## → LOGIN FORM



## → TRIP SELECTION FORM



## → ONEWAY TRIP BOOKING

Airline Reservation - [One Way Trip Booking]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets

**OneWay Trip Booking**

Departure Time: 11:00:00 | Arrival Time: 12:30:00 | Airline: Vistara | Class: First Class | Type: Regular | Date: 08 July 2024

New Delhi → Bengaluru

ID	PASSANGER NAME	GENDER	CATEGORY	PASSPORT NO.	AMOUNT
10	Ms Shin	Female	Adult	1102300	31,00,00,00,00,00
11	Mr Park	Male	Adult	1100435	3100
12	Harry	Male	Child	1230005	15500
13	Rose	Female	Child	1255500	15500
14	Natasha	Female	Infant	5552000	1033,3333333333

No. of Passangers : 5  
Baggage Weight : 2  
Baggage Charge : 300

**Buttons:** NEW FLIGHT, SAVE FLIGHT, CONFIRM BOOKING, TOTAL FARE (Rs 72664.3333333333), CANCEL BOOKING, UPDATE, << PREVIOUS, NEXT >>

## → ONEWAY TRIP BOOKING EDITING FORM

Airline Reservation - [Edit OneWay Trip]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets

**Edit OneWay Trip Booking**

Where from? Mumbai → Where to? Chennai | Select Flight: IndiGo | Select Flight Class: Business | Date: 03 June 2024

PASSENGER ID	14	CANCEL BOOKING
PASSENGER NAME	Nausheen	UPDATE
PASSPORT NO.	445880	<< PREVIOUS
CATEGORY	Adult	NEXT >>
GENDER	Female	
AMOUNT	13,440.0000000000	

## → ONEWAY TRIP BOOKING RECORD VIEW

Airline Reservation - [OneWay Bookings]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets

### OneWay Trip Bookings

<< BACK

ID	Passenger Name	Passport Num	Gender	Category	Fair	Flight Name	Flight Class	Source1
1	Mr Been	667888	Male	Adult	7,200.000000000	Vistara	Business	Chennai
2	Scarlet	4445677	Female	Adult	7200	Vistara	Business	Chennai
3	Nitesh Devnani	739302	Male	Adult	7200	Vistara	Business	Chennai
4	Tamanna Chaudhri	3000333	Female	Adult	7200	Vistara	Business	Chennai
5	Garima Goel	77833390	Female	Adult	32,000.000000000	Air India Express	First Class	New Delhi
6	Ms Shin	1102300	Female	Adult	31,000.000000000	Vistara	First Class	New Delhi
7	Mr Park	1100435	Male	Adult	31000	Vistara	First Class	New Delhi
8	Harry	1230005	Male	Child	15500	Vistara	First Class	New Delhi
9	Rose	1255500	Female	Child	15500	Vistara	First Class	New Delhi
10	Natasha	5552000	Female	Infant	10333.333333333	Vistara	First Class	New Delhi
11	Maheen	826252	Female	Adult	22,500.000000000	Air India	First Class	Hyderabad
12	Shadman	442526	Male	Adult	22500	Air India	First Class	Hyderabad
13	Nisha	855533	Female	Adult	22,500.000000000	Air India	First Class	Hyderabad
14	Nausheen	445880	Female	Adult	13,440.000000000	IndiGo	Business	Mumbai

## → ONEWAY TRIP FLIGHT TICKET

Print OneWay Ticket

PASSENGER	FLIGHT	CLASS
Tamanna Chaudhri	Vistara	Business
Chennai	 Hyderabad	
DEPARTURE DATE	DEPARTURE TIME	
7/6/2024	10:00:00 AM	

Print Previous Next

## → ROUND TRIP BOOKING

Airline Reservation - [Round Trip]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets

**Round Trip Booking**

20:15:07

ID	PASSANGER NAME	GENDER	CATEGORY	PASSPORT NO.	AMOUNT
6	Shreya Sharma	Female	Adult	755900	15,255.000000000
7	Disha Chaudhri	Female	Adult	666021	15255
8	Dhruv Rathee	Male	Adult	565002	15255
9	Zainab Khan	Female	Child	891110	7627.5
10	Aliya	Female	Child	733012	7627.5

No. of Passangers : - 5 +

Baggage Weight : - 4 +

Baggage Charge : 600

**TOTAL FAIR** Rs 46380

**NEW** **SAVE FLIGHT** **CONFIRM BOOKING**

**ARRIVAL AIRPORT**

**Where from?** New Delhi **Where to?** Kolkata **Select Flight** Air India **Select Flight Class** Premium Economy **Date** 03 June 2024

**PASSENGER ID** 1 **PASSENGER NAME** Bruce Banner **PASSPORT NO.** 784444 **CATEGORY** Adult **GENDER** Male **AMOUNT** 15,162.000000000

## → ROUND TRIP BOOKING EDITING FORM

Airline Reservation - [Edit Round Trip]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets

**Edit Round Trip Booking**

New Delhi → Kolkata

**PASSENGER ID** 1 **PASSENGER NAME** Bruce Banner **PASSPORT NO.** 784444 **CATEGORY** Adult **GENDER** Male **AMOUNT** 15,162.000000000

**SELECT FLIGHT** Air India **SELECT FLIGHT CLASS** Premium Economy **DATE** 03 June 2024

**CANCEL BOOKING** **UPDATE** **<< PREVIOUS** **NEXT >>**

## → ROUND TRIP BOOKING RECORD VIEW

Airline Reservation - [Round Booking]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets

### Round Trip Bookings

<< BACK

ID	Passenger Name	Passport Num	Gender	Category	Fair	Flight Name	Flight Class	Source1
1	Bruce Banner	784444	Male	Adult	15,162.000000000	Air India	Premium Economy	New Delhi
2	Natasha	553683	Female	Adult	15162	Air India	Premium Economy	New Delhi
3	Steve	223344	Male	Adult	15162	Air India	Premium Economy	New Delhi
4	Harry	735283	Male	Child	7581	Air India	Premium Economy	New Delhi
5	Luna	909766	Female	Child	7581	Air India	Premium Economy	New Delhi
6	Shreya Sharma	755900	Female	Adult	15,255.000000000	IndiGo	Premium Economy	Kolkata
7	Disha Chaudhri	666021	Female	Adult	15255	IndiGo	Premium Economy	Kolkata
8	Dhruv Rathee	565002	Male	Adult	15255	IndiGo	Premium Economy	Kolkata
9	Zainab Khan	891110	Female	Child	7627.5	IndiGo	Premium Economy	Kolkata
10	Aliya	733012	Female	Child	7627.5	IndiGo	Premium Economy	Kolkata
11	Ayushi	785550	Female	Adult	33,600.000000000	Vistara	Business	New Delhi
12	Amit Sharma	554400	Male	Child	16800	Vistara	Business	New Delhi
13	Bilal Ashraf	765550	Male	Infant	11200	Vistara	Business	New Delhi

## → ROUND TRIP FLIGHT TICKET

Print Round Ticket

PASSENGER	FLIGHT	CLASS
Natasha	Air India	Premium Economy
New Delhi		Kolkata
DEPARTURE DATE	DEPARTURE TIME	
7/4/2024	9:00:00 AM	

Print Previous Next

## ✈ MULTICITY TRIP BOOKING

Airline Reservation - [MultiCity Trip Booking]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets








**ARRIVALS**

**DEPARTURES**

**21:06:10**

**MultiCity Trip Booking**

Departure Time	Arrival Time	IndiGo	First Class	Regular	10 July 2024			
07:00:00	09:00:00							
Bengaluru	Mumbai	ID	PASSANGER NAME	GENDER	CATEGORY	PASSPORT NO.	AMOUNT	
Mumbai	Kolkata	11	Shin Hari	Female	Adult	7333000	15000	27,775.00000000000
No. of Passangers :	- 5 +	12	Urwa	Female	Adult	5640001	27775	27775
Baggage Weight :	- 2 +	13	Asim Azhar	Male	Adult	7888976	15000	27775
Baggage Charge :	300	14	Haris	Male	Child	7665021	7500	13887.5
		15	Ramsha Khan	Female	Adult	5645400	15000	27775

**NEW FLIGHT** **SAVE FLIGHT** **CONFIRM BOOKING** **TOTAL FAIR** **Rs 163927**

**ARRIVAL AIRPORT**









## ✈ MULTICITY TRIP BOOKING EDITING FORM

Airline Reservation - [Edit MultiCity Trip]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets

## Edit MultiCity Trip Booking

Where from? Where to? Select Flight Select Flight Class Date

Hyderabad → Chennai IndiGo Business 03 June 2024

Chennai ← New Delhi

Where from? Where to?

PASSENGER ID: 1 CANCEL BOOKING

PASSENGER NAME: Alisha UPDATE

PASSPORT NO.: 7782920 << PREVIOUS NEXT >>

CATEGORY: Adult

GENDER: Female

AMOUNT: 7,950.0000000000 17,997.0000000000

## → MULTICITY TRIP BOOKING RECORD VIEW

Airline Reservation - [MultiCity Bookings]

Travel Guide Menu Trip Booking Booking Details Edit Booking Print Tickets

### MultiCity Trip Bookings

<< BACK

ID	Passenger Name	Passport Num	Gender	Category	Flight Name	Flight Class	Source	Destination
1	Alisha	7782920	Female	Adult	IndiGo	Business	Hyderabad	Chennai
2	Rohit Saraf	8300222	Male	Adult	IndiGo	Business	Hyderabad	Chennai
3	Farhan Saeed	9939000	Male	Adult	IndiGo	Business	Hyderabad	Chennai
4	Hania	1000076	Female	Adult	Air India Express	First Class	New Delhi	Chennai
5	Ranbir	54333	Male	Adult	Air India Express	First Class	New Delhi	Chennai
6	Mr Arjun Kapoor	3201200	Male	Adult	Vistara	Business	New Delhi	Mumbai
7	Ms Anika	7770100	Female	Adult	Vistara	Business	New Delhi	Mumbai
8	Hina	7767900	Female	Child	Vistara	Business	New Delhi	Mumbai
9	Nisha	559010	Female	Adult	Air India	Economy	Mumbai	Hyderabad
10	Nitin Sharma	677700	Male	Adult	Air India	Economy	Mumbai	Hyderabad
11	Shin Hari	7333000	Female	Adult	IndiGo	First Class	Bengaluru	Mumbai
12	Urwa	5640001	Female	Adult	IndiGo	First Class	Bengaluru	Mumbai
13	Asim Azhar	7888976	Male	Adult	IndiGo	First Class	Bengaluru	Mumbai
14	Haris	7665021	Male	Child	IndiGo	First Class	Bengaluru	Mumbai
15	Ramsha Khan	5645400	Female	Adult	IndiGo	First Class	Bengaluru	Mumbai

## → MULTICITY TRIP FLIGHT TICKET

Print Multicity Ticket

PASSENGER	FLIGHT	CLASS
Mr Arjun Kapoor	Vistara	Business
New Delhi	Mumbai	
Mumbai	Kolkata	
DEPARTURE DATE	DEPARTURE TIME	
7/7/2024	1:00:00 PM	
<input type="button" value="Print"/>	<input type="button" value="Previous"/>	<input type="button" value="Next"/>

# SOURCE CODE

## MODULE :-

```
Public pnr, Bag As Integer
Public UserName, Password As String
Public F_Name, F_Class, src, src2, des, des2, dp_Date As String
Public id, Pname, Gen, Cat, PNum, Amt, Amt2 As String
```

## LOGIN FORM CODE:-

```
Private Sub CmdCancel_Click()
UserName.Text = ""
Pass.Text = ""
End Sub

Private Sub CmdExit_Click()
Unload Me
End Sub

Private Sub CmdLogin_Click()
UserName = "Admin"
Password = "Pass"
If UserName = UserName.Text And Password = Pass.Text Then
    MsgBox ("Successfully Login...")
    ProgressBar.Show
Else
    MsgBox ("Wrong UserName or Password..plzz try Again...")
End If
End Sub

Private Sub Form_Load()
UserName.Text = ""
Pass.Text = ""
End Sub
```

## MDI CODE:-

```
Private Sub Guide_Click()
Travel_Guide.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub login_Click()
Admin_Login.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub T_Form_Click()
Trip_Form.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub OneWay_Click()
OneWay_Trip.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub OneWay_Bookings_Click()
OneWay_Booking_Records.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub OnewayEdit_Click()
OneWay_Edit.Show
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub Round_Click()
Round_Trip.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub Round_Bookings_Click()
Round_Booking_Records.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub RoundEdit_Click()
Round_Edit.Show
MultiCity_Edit.Hide
OneWay_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub MultiCity_Click()
MultiCity_Trip.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
End Sub
```

```
Private Sub MultiCity_Booking_Click()
MultiCity_Booking_Records.Show
OneWay_Edit.Hide
Round_Edit.Hide
MultiCity_Edit.Hide
OneWay_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

```
Private Sub MulticityEdit_Click()
MultiCity_Edit.Show
OneWay_Edit.Hide
Round_Edit.Hide
OneWay_Booking_Records.Hide
MultiCity_Booking_Records.Hide
Round_Booking_Records.Hide
OneWay_Trip.Hide
Round_Trip.Hide
Admin_Login.Hide
Trip_Form.Hide
Travel_Guide.Hide
MultiCity_Trip.Hide
End Sub
```

# ONEWAY TRIP BOOKING CODE:-

```
Private Sub ComboClass_Click()
Class.Text = ComboClass
End Sub

Private Sub ComboFair_Click()
Fair.Text = ComboFair
End Sub

Private Sub ComboFlight_Click()
Flight.Text = ComboFlight
End Sub

Private Sub ComboFrom_Click()
Source.Text = ComboFrom
End Sub

Private Sub ComboTo_Click()
Destination.Text = ComboTo
End Sub

Private Sub cmdNew_Click()
Adodc1.Recordset.AddNew
End Sub

Private Sub cmdSave_Click()
Adodc1.Recordset.Fields("Flight Name") = Flight.Text
Adodc1.Recordset.Fields("Flight Class") = Class.Text
Adodc1.Recordset.Fields("Fair Type") = Fair.Text
Adodc1.Recordset.Fields("Source1") = Source.Text
Adodc1.Recordset.Fields("Destination1") = Destination.Text
Adodc1.Recordset.Fields("Departure Date") = DTPicker1.Value
Adodc1.Recordset.Fields("Arrival Time") = ArrTime.Value
Adodc1.Recordset.Fields("Departure Time") = DepTime.Value
Adodc1.Recordset.Update
MsgBox ("Flight Details Saved Successfully....")
End Sub

Private Sub CmdTotal_Click()
TotalAmt.Text = "Rs " & Val(Amt1.Text) + Val(Amt2.Text) + Val(Amt3.Text) + Val(Amt4.Text) +
Val(Amt5.Text) + Val(BagCharge.Text)
End Sub
```

```
Private Sub ComboCat1_Click()
Fair_Air_India
Fair_Air_India_Express
Fair_IndiGo
Fair_Vistara
End Sub

Private Sub ComboCat2_Click()
Fair_Air_India2
Fair_Air_India_Express2
Fair_IndiGo2
Fair_Vistara2
End Sub

Private Sub ComboCat3_Click()
Fair_Air_India3
Fair_Air_India_Express3
Fair_IndiGo3
Fair_Vistara3
End Sub

Private Sub ComboCat4_Click()
Fair_Air_India4
Fair_Air_India_Express4
Fair_IndiGo4
Fair_Vistara4
End Sub

Private Sub ComboCat5_Click()
Fair_Air_India5
Fair_Air_India_Express5
Fair_IndiGo5
Fair_Vistara5
End Sub
```

# ONEWAY TRIP EDIT FORM CODE:-

```
Private Sub CmdCancel_Click()
confirmation = MsgBox("Do You Want to Delete this Record?", vbYesNo + vbCritical, "Delete Record Confirmation")
If confirmation = vbYes Then
Adodc1.Recordset.Delete
MsgBox ("Record has been deleted successfully...")
Else
MsgBox ("Record not Deleted!!!")
End If
End Sub

Private Sub CmdNext_Click()
Adodc1.Recordset.MoveNext
End Sub

Private Sub CmdPre_Click()
Adodc1.Recordset.MovePrevious
End Sub

Private Sub CmdUpdate_Click()
Adodc1.Recordset.Fields("ID") = ID1.Text
Adodc1.Recordset.Fields("Passanger Name") = PnrName1.Text
Adodc1.Recordset.Fields("Gender") = ComboGen1.Text
Adodc1.Recordset.Fields("Category") = ComboCat1.Text
Adodc1.Recordset.Fields("Passport Num") = PassNo1.Text
Adodc1.Recordset.Fields("Fair") = Amt1.Text
Adodc1.Recordset.Fields("Source1") = Source.Text
Adodc1.Recordset.Fields("Destination1") = Destination.Text
Adodc1.Recordset.Fields("Flight Name") = Flight.Text
Adodc1.Recordset.Fields("Flight Class") = Class.Text
Adodc1.Recordset.Fields("Departure Date") = DTPicker1.Value
Adodc1.Recordset.Update
MsgBox ("Record Updated Successfully")
End Sub

Private Sub ComboCat1_Click()
Fair_Air_India
Fair_Air_India_Express
Fair_IndiGo
Fair_Vistara
End Sub

Private Sub ComboClass_Click()
Class.Text = ComboClass
End Sub

Private Sub ComboFlight_Click()
Flight.Text = ComboFlight
End Sub

Private Sub ComboFrom_Click()
Source.Text = ComboFrom
End Sub

Private Sub ComboTo_Click()
Destination.Text = ComboTo
End Sub
```

## ROUND TRIP BOOKING CODE:-

```
Private Sub ComboClass_Click()
Class.Text = ComboClass
End Sub

Private Sub ComboFair_Click()
Fair.Text = ComboFair
End Sub

Private Sub ComboFlight_Click()
Flight.Text = ComboFlight
End Sub

Private Sub ComboFrom_Click()
Source.Text = ComboFrom
End Sub

Private Sub ComboTo_Click()
Destination.Text = ComboTo
End Sub

Private Sub cmdNew_Click()
Adodc1.Recordset.AddNew
End Sub

Private Sub cmdSave_Click()
Adodc1.Recordset.Fields("Flight Name") = Flight.Text
Adodc1.Recordset.Fields("Flight Class") = Class.Text
Adodc1.Recordset.Fields("Fair Type") = Fair.Text
Adodc1.Recordset.Fields("Source1") = Source.Text
Adodc1.Recordset.Fields("Destination1") = Destination.Text
Adodc1.Recordset.Fields("Departure Date") = DTPicker1.Value
Adodc1.Recordset.Fields("Arrival Time") = ArrTime.Value
Adodc1.Recordset.Fields("Departure Time") = DepTime.Value
Adodc1.Recordset.Update
MsgBox ("Flight Details Saved Successfully....")
End Sub

Private Sub CmdTotal_Click()
TotalAmt.Text = "Rs " & Val(Amt1.Text) + Val(Amt2.Text) + Val(Amt3.Text) + Val(Amt4.Text) +
Val(Amt5.Text) + Val(BagCharge.Text)
End Sub
```

```
Private Sub ComboCat1_Click()
Fair_Air_India
Fair_Air_India_Express
Fair_IndiGo
Fair_Vistara
Amt1.Text = Val(Amt1.Text) * 2
End Sub

Private Sub ComboCat2_Click()
Fair_Air_India2
Fair_Air_India_Express2
Fair_IndiGo2
Fair_Vistara2
Amt2.Text = Val(Amt2.Text) * 2
End Sub

Private Sub ComboCat3_Click()
Fair_Air_India3
Fair_Air_India_Express3
Fair_IndiGo3
Fair_Vistara3
Amt3.Text = Val(Amt3.Text) * 2
End Sub

Private Sub ComboCat4_Click()
Fair_Air_India4
Fair_Air_India_Express4
Fair_IndiGo4
Fair_Vistara4
Amt4.Text = Val(Amt4.Text) * 2
End Sub

Private Sub ComboCat5_Click()
Fair_Air_India5
Fair_Air_India_Express5
Fair_IndiGo5
Fair_Vistara5
Amt5.Text = Val(Amt5.Text) * 2
End Sub
```

## ROUND TRIP EDIT FORM CODE:-

```
Private Sub CmdCancel_Click()
confirmation = MsgBox("Do You Want to Delete this Record?", vbYesNo + vbCritical, "Delete Record Confirmation")
If confirmation = vbYes Then
Adodc1.Recordset.Delete
MsgBox ("Record has been deleted successfully...")
Else
MsgBox ("Record not Deleted!!!")
End If
End Sub

Private Sub CmdNext_Click()
Adodc1.Recordset.MoveNext
End Sub

Private Sub CmdPre_Click()
Adodc1.Recordset.MovePrevious
End Sub

Private Sub CmdUpdate_Click()
Adodc1.Recordset.Fields("ID") = ID1.Text
Adodc1.Recordset.Fields("Passanger Name") = PnrName1.Text
Adodc1.Recordset.Fields("Gender") = ComboGen1.Text
Adodc1.Recordset.Fields("Category") = ComboCat1.Text
Adodc1.Recordset.Fields("Passport Num") = PassNo1.Text
Adodc1.Recordset.Fields("Fair") = Amt1.Text
Adodc1.Recordset.Fields("Source1") = Source.Text
Adodc1.Recordset.Fields("Destination1") = Destination.Text
Adodc1.Recordset.Fields("Flight Name") = Flight.Text
Adodc1.Recordset.Fields("Flight Class") = Class.Text
Adodc1.Recordset.Fields("Departure Date") = DTPicker1.Value
Adodc1.Recordset.Update
MsgBox ("Record Updated Successfully")
End Sub

Private Sub ComboCat1_Click()
Fair_Air_India
Fair_Air_India_Express
Fair_IndiGo
Fair_Vistara
End Sub

Private Sub ComboClass_Click()
Class.Text = ComboClass
End Sub

Private Sub ComboFlight_Click()
Flight.Text = ComboFlight
End Sub

Private Sub ComboFrom_Click()
Source.Text = ComboFrom
End Sub

Private Sub ComboTo_Click()
Destination.Text = ComboTo
End Sub
```

## MULTITRIP TRIP BOOKING CODE:-

```
Private Sub ComboClass_Click()
Class.Text = ComboClass
End Sub

Private Sub ComboFair_Click()
Fair.Text = ComboFair
End Sub

Private Sub ComboFlight_Click()
Flight.Text = ComboFlight
End Sub

Private Sub ComboFrom_Click()
Source.Text = ComboFrom
End Sub

Private Sub ComboTo_Click()
Destination.Text = ComboTo
ComboFrom2 = ComboTo
Source2.Text = ComboFrom2
End Sub

Private Sub ComboTo2_Click()
Destination2.Text = ComboTo2
End Sub

Private Sub cmdNew_Click()
Adodc1.Recordset.AddNew
End Sub

Private Sub cmdSave_Click()
Adodc1.Recordset.Fields("Flight Name") = Flight.Text
Adodc1.Recordset.Fields("Flight Class") = Class.Text
Adodc1.Recordset.Fields("Fair Type") = Fair.Text
Adodc1.Recordset.Fields("Source1") = Source.Text
Adodc1.Recordset.Fields("Destination1") = Destination.Text
Adodc1.Recordset.Fields("Source2") = Source2.Text
Adodc1.Recordset.Fields("Destination2") = Destination2.Text
Adodc1.Recordset.Fields("Departure Date") = DTPicker1.Value
Adodc1.Recordset.Fields("Arrival Time") = ArrTime.Value
Adodc1.Recordset.Fields("Departure Time") = DepTime.Value
Adodc1.Recordset.Update
MsgBox ("Flight Details Saved Successfully....")
End Sub

Private Sub CmdTotal_Click()
TotalAmt.Text = "Rs " & Val(Amt1.Text) + Val(Amt2.Text) + Val(Amt3.Text) + Val(Amt4.Text) +
Val(Amt5.Text) + Val(Amt6.Text) + Val(Amt7.Text) + Val(Amt8.Text) + Val(Amt9.Text) + Val
(Amt10.Text) + Val(BagCharge.Text)
End Sub
```

```
Private Sub ComboCat1_Click()
Fair_Air_India
Fair_Air_India_Express
Fair_IndiGo
Fair_Vistara
```

```
Fair_Air_India6
Fair_Air_India_Express6
Fair_IndiGo6
Fair_Vistara6
End Sub
```

```
Private Sub ComboCat2_Click()
Fair_Air_India2
Fair_Air_India_Express2
Fair_IndiGo2
Fair_Vistara2
```

```
Fair_Air_India7
Fair_Air_India_Express7
Fair_IndiGo7
Fair_Vistara7
End Sub
```

```
Private Sub ComboCat3_Click()
Fair_Air_India3
Fair_Air_India_Express3
Fair_IndiGo3
Fair_Vistara3
```

```
Fair_Air_India8
Fair_Air_India_Express8
Fair_IndiGo8
Fair_Vistara8
End Sub
```

```
Private Sub ComboCat4_Click()
Fair_Air_India4
Fair_Air_India_Express4
Fair_IndiGo4
Fair_Vistara4
```

```
Fair_Air_India9
Fair_Air_India_Express9
Fair_IndiGo9
Fair_Vistara9
End Sub
```

```
Private Sub ComboCat5_Click()
Fair_Air_India5
Fair_Air_India_Express5
Fair_IndiGo5
Fair_Vistara5
```

```
Fair_Air_India10
Fair_Air_India_Express10
Fair_IndiGo10
Fair_Vistara10
End Sub
```

## MULTICITY TRIP EDIT FORM CODE:-

```
Private Sub CmdCancel_Click()
confirmation = MsgBox("Do You Want to Delete this Record?", vbYesNo + vbCritical,
"Delete Record Confirmation")
If confirmation = vbYes Then
Adodc1.Recordset.Delete
MsgBox ("Record has been deleted successfully...")
Else
MsgBox ("Record not Deleted!!!")
End If
End Sub

Private Sub CmdNext_Click()
Adodc1.Recordset.MoveNext
End Sub
Private Sub CmdPre_Click()
Adodc1.Recordset.MovePrevious
End Sub

Private Sub CmdUpdate_Click()
Adodc1.Recordset.Fields("ID") = ID1.Text
Adodc1.Recordset.Fields("Passanger Name") = PnrName1.Text
Adodc1.Recordset.Fields("Gender") = ComboGen1.Text
Adodc1.Recordset.Fields("Category") = ComboCat1.Text
Adodc1.Recordset.Fields("Passport Num") = PassNo1.Text
Adodc1.Recordset.Fields("Fair") = Amt1.Text
Adodc1.Recordset.Fields("Source1") = Source.Text
Adodc1.Recordset.Fields("Destination1") = Destination.Text
Adodc1.Recordset.Fields("Source2") = Source2.Text
Adodc1.Recordset.Fields("Destination2") = Destination2.Text
Adodc1.Recordset.Fields("Fair2") = Amt2.Text
Adodc1.Recordset.Fields("Flight Name") = Flight.Text
Adodc1.Recordset.Fields("Flight Class") = Class.Text
Adodc1.Recordset.Fields("Departure Date") = DTPicker1.Value
Adodc1.Recordset.Update
MsgBox ("Record Updated Successfully")
End Sub

Private Sub ComboCat1_Click()
Fair_Air_India
Fair_Air_India_Express
Fair_IndiGo
Fair_Vistara
Fair_Air_India2
Fair_Air_India_Express2
Fair_IndiGo2
Fair_Vistara2
End Sub

Private Sub ComboClass_Click()
Class.Text = ComboClass
End Sub

Private Sub ComboFlight_Click()
Flight.Text = ComboFlight
End Sub

Private Sub ComboFrom_Click()
Source.Text = ComboFrom
End Sub
Private Sub ComboFrom2_Click()
Source2.Text = ComboFrom2
End Sub

Private Sub ComboTo_Click()
Destination.Text = ComboTo
End Sub
Private Sub ComboTo2_Click()
Destination2.Text = ComboTo2
End Sub
```

## TRIPS FLIGHT TICKET PRINTING CODE:-

```
Private Sub CmdNext_Click()
Adodc1.Recordset.MoveNext
End Sub

Private Sub CmdPre_Click()
Adodc1.Recordset.MovePrevious
End Sub

Private Sub CmdPrint_Click()
CmdNext.Visible = False
CmdPre.Visible = False
CmdPrint.Visible = False
PrintForm
CmdNext.Visible = True
CmdPre.Visible = True
CmdPrint.Visible = True
End Sub
```

# ONEWAY TRIP BOOKING DATABASE TABLES :-

## Flight Table

Flight Name	Short Text
Flight Class	Short Text
Fair Type	Short Text
Source1	Short Text
Destination1	Short Text
Departure Date	Short Text
Departure Date	Short Text
Arrival Time	Short Text
Total Amount	Long Text

## Row DataEntry Table

ID	Short Text
Passenger Name	Short Text
Passport Num	Number
Gender	Short Text
Category	Short Text
Fair	Long Text
Flight Name	Short Text
Flight Class	Short Text
Source1	Short Text
Destination1	Short Text
Departure Date	Short Text

1x5

## Passangers Database Table

ID	Short Text
Passenger Name	Short Text
Passport Num	Number
Gender	Short Text
Category	Short Text
Fair	Long Text
Flight Name	Short Text
Flight Class	Short Text
Source1	Short Text
Destination1	Short Text
Departure Date	Short Text
Departure Time	Short Text
Arrival Time	Short Text

# ROUND TRIP BOOKING DATABASE TABLES :-

## Flight Table

Flight Name	Short Text
Flight Class	Short Text
Fair Type	Short Text
Source1	Short Text
Destination1	Short Text
Departure Date	Short Text
Departure Date	Short Text
Arrival Time	Short Text
Total Amount	Long Text

## Row DataEntry Table

ID	Short Text
Passenger Name	Short Text
Passport Num	Number
Gender	Short Text
Category	Short Text
Fair	Long Text
Flight Name	Short Text
Flight Class	Short Text
Source1	Short Text
Destination1	Short Text
Departure Date	Short Text

1x5

## Passangers Database Table

ID	Short Text
Passenger Name	Short Text
Passport Num	Number
Gender	Short Text
Category	Short Text
Fair	Long Text
Flight Name	Short Text
Flight Class	Short Text
Source1	Short Text
Destination1	Short Text
Departure Date	Short Text
Departure Time	Short Text
Arrival Time	Short Text

# MULTICITY TRIP BOOKING DATABASE TABLES :-

## Flight Table

Flight Name	Short Text
Flight Class	Short Text
Fair Type	Short Text
Source1	Short Text
Destination1	Short Text
Source2	Short Text
Destination2	Short Text
Departure Date	Short Text
Departure Date	Short Text
Arrival Time	Short Text
Total Amount	Long Text

## Row DataEntry Table

ID	Short Text
Passenger Name	Short Text
Passport Num	Number
Gender	Short Text
Category	Short Text
Flight Name	Short Text
Flight Class	Short Text
Source1	Short Text
Destination1	Short Text
Fair	Long Text
Source2	Short Text
Destination2	Short Text
Fair2	Long Text
Departure Date	Short Text

1x5

## Passangers Database Table

ID	Short Text
Passenger Name	Short Text
Passport Num	Number
Gender	Short Text
Category	Short Text
Flight Name	Short Text
Flight Class	Short Text
Source1	Short Text
Destination1	Short Text
Fair	Long Text
Source2	Short Text
Destination2	Short Text
Fair2	Long Text
Departure Date	Short Text
Departure Time	Short Text
Arrival Time	Short Text

# **CONCLUSION**

In summary, developing the Airlines Reservation System in Visual Basic 6.0 has been a challenging yet rewarding experience. It has deepened my understanding of software development through hands-on application of concepts in UI design, database management, and problem-solving. This project has strengthened my skills and confidence as a developer, and I'm grateful for the support of my family and [S.N.S COLLEGE]. Looking forward, I'm eager to further refine the system and take on new challenges in software development.

**NAUSHEEN FAIYAZ**

**THANK YOU**