

Testing scenarios document

The purpose of this testing scenarios document is to provide a comprehensive list of scenarios that need to be tested for a flight reservation system.

Step1:

The program starts with a Welcome message

```
WELCOME TO INDIAN AIRLINES  
  
YOUR COMFORT IS OUR DUTY  
  
PRESS ENTER TO CONTINUE....
```

After pressing the enter key it shows two options

```
Who are You?  
1. ADMIN  
2. USER  
  
Enter any other key for exit  
  
Enter Your Option  
|
```

Step3:

If we click on the user option, the user panel will open.

```

                                INDIAN AIRLINES
                                -----
                                WELCOME TO INDIAN AIRLINES
                                .....MAIN MENU.....

You can book your Flight (Press 1)
Know your current booking status (Press 2)
Cancel Ticket (Press 3)
Press 4 to exit
                                -----

Enter your choice: |
```

Step4:

If we press 1 then the program will take us to the booking portal and asks for a source and destination.

After entering source, destination it will ask for the class of seat.

```

-----BOOK YOUR FLIGHT USING THIS PORTAL-----

Enter Source: Delhi
Enter Destination: Chennai

Source      Destination      Flight Code      Fare
Delhi       Chennai                DC-101           7000

We have two classes available :
Business
Economy

Enter your choice : |
```

Step5:

After choosing the class of seat it will ask for the passenger details.

```
Enter your choice : Economy

Enter passenger details
Enter your name: Chirag Kumar
Enter your age: 20
Enter your phone number: 8318291626
Enter your unique identification card number(Adhaar/PAN/Driving Licence/...) 458679541168
Enter your address: Aadarsh Nagar Colony Varanasi, UP

YOUR DETAILS ARE SAVED WITH US!
```

Step6:

The payment portal will open after entering the details and will ask you to choose the payment method.

```
*****PAYMENT PORTAL*****

Source: Delhi   Destination: Chennai
Class: Business
Amount: 7000

Select your Payment method :

1. Debit/Credit Card
2. UPI
|
```

Step7:

After entering the payment details it will ask to print the boarding pass.

Select your Payment method :

1. Debit/Credit Card

2. UPI

2

Enter UPI Id: 951236@paytm

Enter 6-digit UPI pin: 236415

YOUR PAYMENT IS SUCCESSFULL!!!

YOUR TICKET IS GENERATED

Press 1 to print it

1

```
-----BOARDING PASS-----
Passenger Name: Chirag Kumar
Ticket No. 1000      Flight Code: DC-101
From: Delhi      To: Chennai      Timing: 20:59
Boarding Date: 10/4/2023
Seat: 42      Class: Economy
Payment Method: UPI
Amount: 7000
```

Step8:

Now, if the user wants to check his/her booking status, the program will ask for the ticket number

```
INDIAN AIRLINES
-----
WELCOME TO INDIAN AIRLINES
.....MAIN MENU.....
You can book your Flight (Press 1)
Know your current booking status (Press 2)
Cancel Ticket (Press 3)
Press 4 to exit
-----

Enter your choice: 2
Enter the Ticket No: 1000

CONFIRMED!!!

Wish you a Happy and a Safe journey :)

Press 1 to print your Boarding Pass
|
```

Step9:

If the user wants to cancel his/her booking, it will ask to enter the ticket number and if booking exist it will be cancelled.

```

                                INDIAN AIRLINES
                                -----
                                WELCOME TO INDIAN AIRLINES
                                .....MAIN MENU.....
                                You can book your Flight (Press 1)
                                Know your current booking status (Press 2)
                                Cancel Ticket (Press 3)
                                Press 4 to exit
                                -----

Enter your choice: 3
Enter the ticket number: 1000
Are your sure you want to cancel your booking? [Yes/No]
Yes

YOUR BOOKING IS SUCCESSFULLY CANCELLED!
```

Step10:

Now, if we will check the same ticket whether it is cancelled or not. It will again ask for the ticket number. Since we have cancelled it so it will show the appropriate message.

```

                                INDIAN AIRLINES
                                -----
                                WELCOME TO INDIAN AIRLINES
                                .....MAIN MENU.....
                                You can book your Flight (Press 1)
                                Know your current booking status (Press 2)
                                Cancel Ticket (Press 3)
                                Press 4 to exit
                                -----

Enter your choice: 2
Enter the Ticket No: 1000

NO SUCH BOOKING EXIST
```

Step11:

Now, if we want to go through the admin panel

```
WELCOME ADMIN :)
```

```
Enter your option:
```

```
1. Booking Details
```

```
2. Flight Details
```

```
3. Add Flights
```

```
Enter any other key to go back to Main Menu
```

```
ENTER UR CHOICE: |
```

Step12:

If we press 1 then, all the booked flight details will be displayed.

```
ENTER UR CHOICE: 1
```

```
|Ticket No: 1000||Customer Name: Chirag Kumar||Source: Delhi||Destination: Chennai||Flight No: DC-101||Amount: 7000|||
```

```
Press 1 to go back to Main menu!
```

```
Else go back to Admin interface!
```

Step13:

If we press 2 then, it will show all the flight available in our system.

SOURCE	DESTINATION	FLIGHT CODE	FARE
Hyderabad	Lucknow	LH-334	8100
Hyderabad	Delhi	LD-314	6700
Lucknow	Hyderabad	LH-333	8100
Kolkata	Chennai	KC-112	8500
Kolkata	Delhi	KD-103	5678
Bengaluru	Delhi	BD-232	6700
Mumbai	Delhi	DM-697	5500
Chennai	Delhi	DC-102	7000
Chennai	Kolkata	KC-111	8500
Delhi	Chennai	DC-101	7000
Delhi	Mumbai	DM-696	5500
Delhi	Bengaluru	BD-231	6700
Delhi	Hyderabad	LD-315	6700
Delhi	Kolkata	KD-104	5678

Step14:

If the admin wants to add any new flight in the system, then

```
WELCOME ADMIN :)

Enter your option:
1. Booking Details
2. Flight Details
3. Add Flights
Enter any other key to go back to Main Menu

ENTER UR CHOICE: 3
Enter Source: Kanpur
Enter Destination: Varanasi
Enter the flight code: VK-018
Enter the price: 6969
Press 1 to go back to Main menu!
Else go back to Admin interface!
|
```

Step15:

If the admin wants to check whether the new flight has been added to the system or not


```
-----  
-----  
|SOURCE|      |DESTINATION|      |FLIGHT CODE|      |FARE|  
-----  
-----  
Kanpur      Varanasi      VK-018      6969  
Hyderabad   Lucknow      LH-334      8100  
Hyderabad   Delhi        LD-314      6700  
Lucknow     Hyderabad    LH-333      8100  
Kolkata     Chennai      KC-112      8500  
Kolkata     Delhi        KD-103      5678  
Bengaluru   Delhi        BD-232      6700  
Mumbai      Delhi        DM-697      5500  
Chennai     Delhi        DC-102      7000  
Chennai     Kolkata      KC-111      8500  
Delhi       Chennai      DC-101      7000  
Delhi       Mumbai      DM-696      5500  
Delhi       Bengaluru    BD-231      6700  
Delhi       Hyderabad    LD-315      6700  
Delhi       Kolkata      KD-104      5678  
-----  
-----
```

```
Press 1 to go back to Main menu!  
Else go back to Admin interface!
```

```
|
```

Step16:

The program ends with a **Thank You** message.

```
Enter Your Option  
-1
```

```
-----THANK YOU-----
```

CREDITS:

- Chirag Kumar (121cs0014)
- Mohammad Danish (121cs0033)
- Ujjwal Verma (121cs0047)
- Suman Shekhar (121cs0035)