



RIZAL TECHNOLOGICAL UNIVERSITY  
Cities of Mandaluyong and Pasig

# Heaven Airlines

## Booking and Boarding Pass System

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# **I. Introduction**

**In today's fast-paced world, air travel has become an integral part of our lives, connecting people and cultures across the globe. However, the efficiency and convenience of air travel are heavily reliant on the management of crucial travel documents, particularly the boarding pass. The system is made to ease the problems of airport staff and infrastructure costs for check-in and help the passenger fly safely to their destination. Our group makes a system that enables customers to pass security and board the aircraft using their devices. The biggest advantage of our system is that you can skip waiting in line to check-in. Heaven Airlines is always looking forward to serving our customers.**

## **II. Description of the Project**

**The system provides the user with three options from which to choose: 1, 2, and 3. If the user selects option 1, they can book a flight and enter the number of tickets. To book a flight, the user must enter the required personal details. After completing the form, the user can proceed to the payment process and decide whether to use Paypal, a credit card, a debit card, or Alipay. The user must enter their card number after choosing a payment option before the screen shows the message "You Have Successfully Booked!". After making a successful booking, the user will have access to their board pass. If the user selects option 2, they can view the available flights; if they choose option 3, they can view the available payments.**

# **III. Objectives**

- \* The system should create boarding passes for confirmed bookings.**
- \* The system should provide a user-friendly interface for clients to book flights.**
- \* To lessen the customer waiting hours, avoid flight cancellations, and provide excellent customer service.**
- \* To provide available flights and payment methods to book a flight successfully.**

# **IV. Significance of the Study**

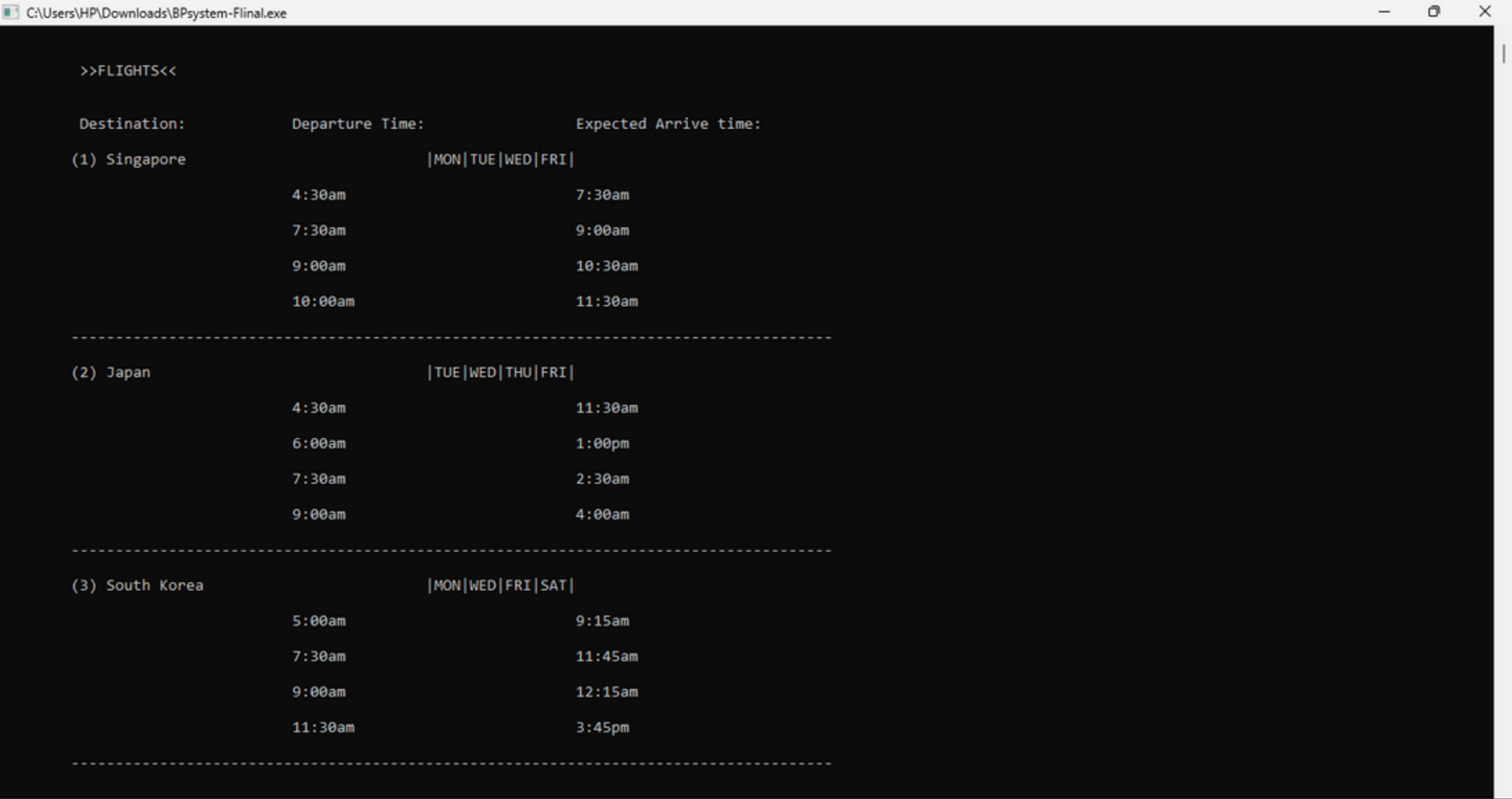
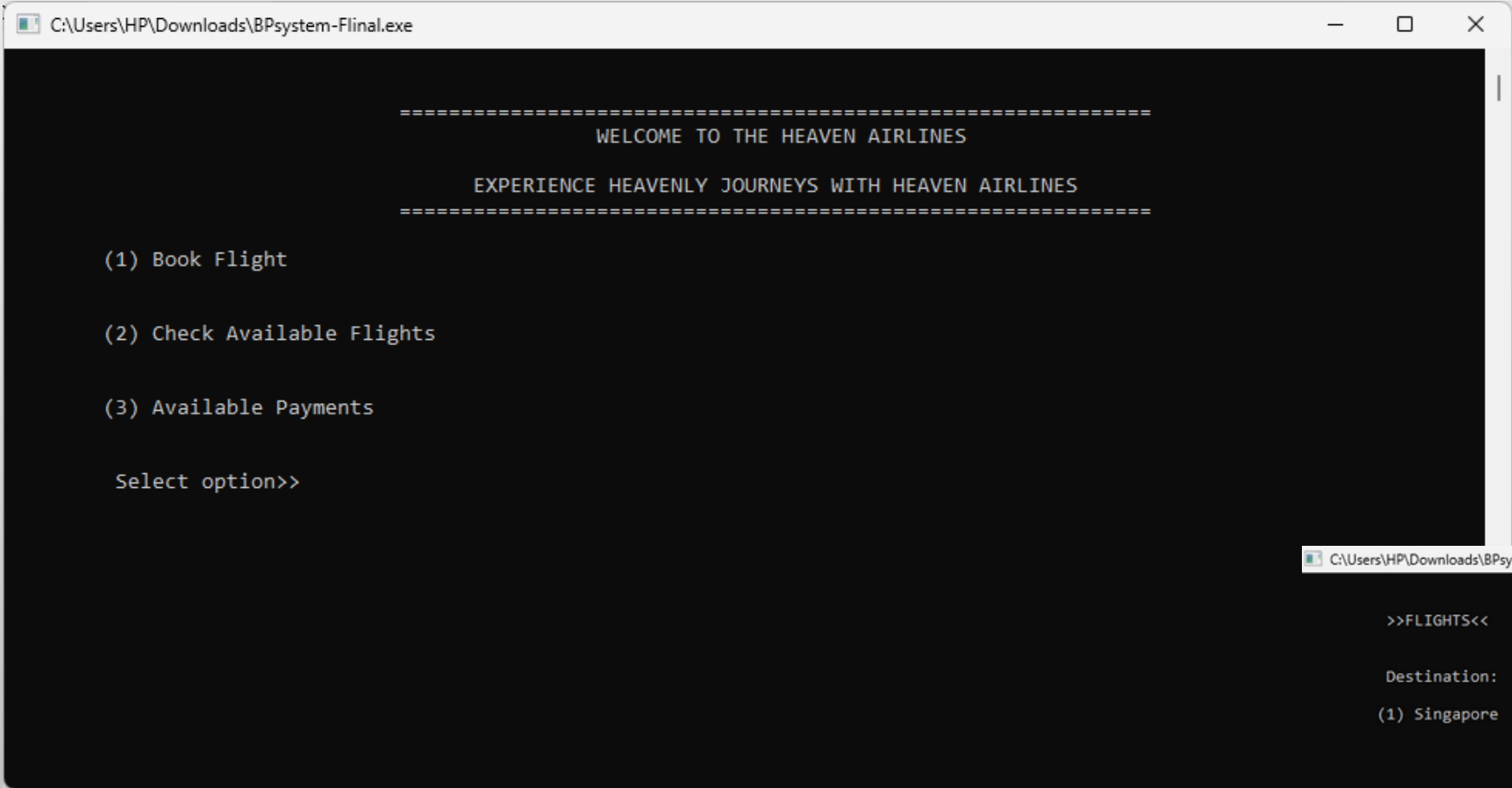
**The significance of our system is that it can be provided by an airline to all types of passengers during the booking process, granting a passenger permission to board the plane for a specific flight. The passenger can choose what kind of transaction they want, such as booking a flight, including payment methods and available flights. A Boarding Pass is always required to board a flight. We make sure that our passengers are safe.**

# **V. Scope and Delimitations**

**Our flight booking and boarding pass system could include information such as the passenger's name, the airline and flight number, the departure with corresponding dates and times, the assigned seat, the class seat, and their payment options, which are already configured.**

**Our system may focus on a specific period, such as the last decade, to examine the evolution of boarding tickets and the accompanying equipment. The study may not address the accessibility of boarding permits for travelers with limitations or other special requirements since that is a separate topic of inquiry.**

# VI. Screen Output





C:\Users\HP\Downloads\BPsystem-Flinal.exe

-----Flight's Details-----

Date & Time : Tue May 23 19:24:06 2023

-----

Passenger Name: Ella

Dep. Date: 5/20/2023

Dep. Time: 11:00pm

From: Philippines

To: Japan

Flight Number: AC45

Seat: BC66

Class Seat: Business

-----

Enter 1-PROCEED TO TRANSACTION..

Enter 2-RESET..

C:\Users\HP\Downloads\BPsystem-Flinal.exe

How would you like to pay?(1-4)

(1)Paypal

(2)CreditCard

(3)DebitCard

(4)Alipay

Select option>> 3

Enter Card No.: 728191728129

Please proceed to confirm transaction.

Enter 1 to CONTINUE..

Enter 2 to RESET..

Select option>> 1\_

C:\Users\HP\Downloads\BPsystem-Final.exe

You Have Successfully Booked!

THANK YOU FOR CHOOSING HEAVEN AIRLINE:>

```
=====
----->> HEAVEN AIRLINES <<-----
=====
                        Tue May 23 19:24:06 2023
```

Passenger Name: Ella

Dep. Date: 5/20/2023

Dep. Time: 11:00pm

From: Philippines

To: Japan

Flight Number: AC45

Seat: BC66

Class Seat: Business

```
=====
Enter 1 to EXIT..
```

# **VIII. Conclusion**

**Boarding passes allow airlines to provide the most relevant information about their guests, such as name, DOB, route, seat number, and booking class, using classes and objects. Passengers' personal information is examined at various airport checkpoints, including security, immigration, and the boarding gate. And the seat number is essential so that the flight attendants can immediately assist you to your seat. The boarding ticket verifies that you have checked in for your trip; it contains your NAME, the airline on which you will be going, whether you are "pre check," the leaving and destination airports, the flight number, the aircraft boarding time, the gate number, and your seat assignment.**

**Finally, using Files, we may permanently save the data on a storage device that the user types of in. It is sometimes necessary to save the user's information in a file for later use. we can later retrieve the information after saving it in a file. A file aids in the permanent storage of information. Using File Handling, we save the program's output to a file and execute different operations on it. A stream may be thought of as an abstraction that depicts a device that performs input and output actions.**