



# BO.com

## Flight Booking Service

As the title said, BO.com is a flight booking service that created using C++ as its programming language. This project was made by me and my two other team-mates, Adit and Farhan as The Final Project assessment for Programming 1 course. The idea behind this project is to help Indonesia to become a fully systemized digital country, to help customers for an easier access to purchase flight ticket, and the last is to reduce the usage of paper to help create for a better environment.

```
=====
===== WELCOME TO BO.COM =====
Your solution for budget-friendly trip
=====

Created by:
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2) Farhan Falahaqil Rafi
3) Mochamad Hafidh Zuhdian

Press any key(s) to continue:
```

Image 1. BO.com home page

The features that BO.com have:

- Username and Password Login system
- Book flight ticket (obviously)
- Check your booking
- In cooperation with 9 major airports and 5 major airlines
- Adaptive cost calculation system to precisely calculate your ticket fare, this technology use your choices of the date, flight date, travel distance, age category, airline, seat class(the longer the travel distance, the closer the date of purchase is to the date of the flight, the more expensive the ticket gets and vice versa)
- Seating choices flexibility, choose the seat of your choices easily
- In cooperation with 4 major banks for payment

## Program Screenshot

```
1. Register
2. Login
What would you like to do? (1/2)
Input : 1
```

```
1. Book a ticket
2. Check my booking
What would you like to do? (1/2)
Input: 1
```

```
Please choose the number correspond to your departure airport.
1) Jakarta (CGK)
2) Jakarta (HLP)
3) Bandung (BDO)
4) Solo (SOC)
5) Semarang (SRG)
6) Yogyakarta (YIA)
7) Yogyakarta (YOG)
8) Malang (MLG)
9) Surabaya (SUB)
From : 1
```

```
Please choose the number correspond to your destination airport.
1) Jakarta (CGK)
2) Jakarta (HLP)
3) Bandung (BDO)
4) Solo (SOC)
5) Semarang (SRG)
6) Yogyakarta (YIA)
7) Yogyakarta (YOG)
8) Malang (MLG)
9) Surabaya (SUB)
To : 5
```

```
Input current date (DD MM YYYY): 20 12 2020
Departure date (DD MM YYYY): 10 01 2021
```

```
Number of passengers :
Adult (Age 12+) = 2

Child (Age 2-11) = 1

Infant (Age 0-2) = 1
```

```
Passenger 1 Title (Mr/Ms): Mr
Passenger 1 Age: 29
Passenger 1 First Name: Jono
Passenger 1 Last Name: Handoko
Mr. Jono Handoko ID Number (6 Digits): 123456
Mr. Jono Handoko Nationality: Indonesia
Mr. Jono Handoko Phone Number: 0815678394
Mr. Jono Handoko E-mail (without '@example.com'): jonohandoko

Mr. Jono Handoko Baggage Weight (0 - 20 Kg): 10
```

```
1) 00.00 - 06.00
2) 06.00 - 12.00
3) 12.00 - 18.00
4) 18.00 - 00.00
Choose time interval : 2
Please choose the number correspond to your desired seat class.
1) Economy
2) Business
Seat class : 2

      Time      Airplane      Price/pax (IDR)
1) 06.30 - 07.40 WaterAsia      1770125
2) 07.45 - 08.55 WaterAsia      1770125
3) 09.00 - 10.10 Yaudah        2707250
4) 10.30 - 11.40 Sitingling    2290750
5) 11.00 - 12.10 MaungAir       1561875

Please choose the number correspond to the available routes = 3
```

```
Mr. Jono Handoko Baggage Weight (0 - 20 Kg): 10
```

	A	B	C	D	E	F
Row 1	_	_	_	_	_	_
Row 2	_	_	_	_	_	_
Row 3	_	_	_	_	_	_
Row 4	_	_	_	_	_	_
Row 5	_	_	_	_	_	_
Row 6	_	_	_	_	_	_
Row 7	_	_	_	_	_	_
Row 8	_	_	_	_	_	_
Row 9	_	_	_	_	_	_
Row 10	_	_	_	_	_	_
Row 11	_	_	_	_	_	_
Row 12	_	_	_	_	_	_

```
Row 1 to 5 are for Business Class.
Row 6 to 13 are for Economy Class.
```

```
Mr. Jono Handoko Seat Row: 1
Mr. Jono Handoko Seat Column: A
```

ID Num	Full	Name	Age	Nationality	Phone	E-mail(@gmail.com)	Bag. Weight	Seat
123456	Mr	Jono	Handoko	Adult	Indonesia	0815678394	jonohandoko	10 1A
234567	Ms	Siti	Handoko	Adult	Indonesia	081575563877	sitihandoko	20 1b
345678	Mr	Joni	Handoko	Child	Indonesia	081375893937	jonihandoko	3 1c
456789	Ms	Tia	Handoko	Child	Indonesia	081275647898	tiahandoko	0 1d
TOTAL								
Yaudah		8798562						
Go to payment? (Yes/No)								
Input : yes								

Bank Transfer

- 1) Mandi, Ri
- 2) ABC
- 3) BINI
- 4) BRO

Select Bank : 1

Please transfer the exact amount shown

Virtual Account: 20814

Total Price : 8799396

Please complete the payment within 1 hour

Have completed the payment ? (Yes / No)

Input : yes

Airline Booking Code

WBDV74

Yaudah ID - 1734

Business

10/1/2021 -> Jakarta (CGK)

Semarang (SRG)

List of Passenger(s)

Mr.	Jono Handoko	Adult	10 Kg	1A
Ms.	Siti Handoko	Adult	20 Kg	1b
Mr.	Joni Handoko	Child	3 Kg	1c
Ms.	Tia Handoko	Child	0 Kg	1d

===== Please take photo of your pass =====

Press 'm' to go back to the menu.