

You can download the “software-engineering2022-103.jar”, and click it to run the program

1. Welcome page

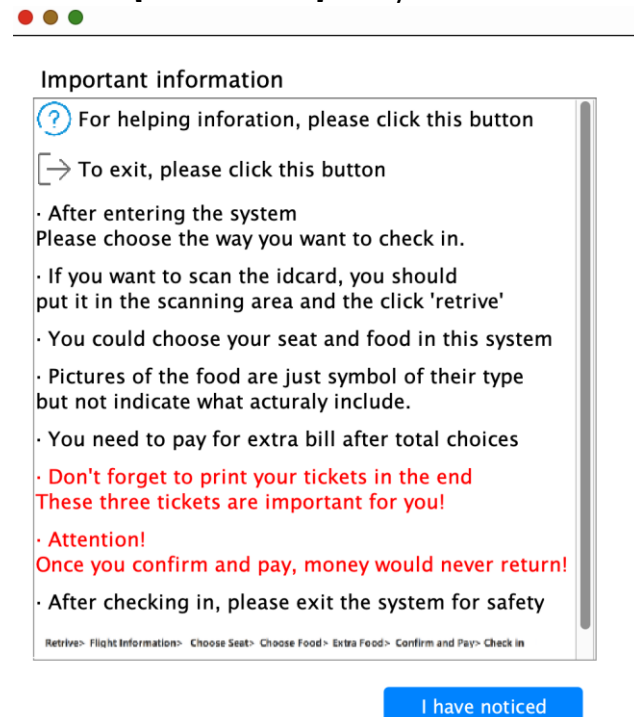


It is the first page you can see, when you open the system. If you click the “start button”, you can start to check-in.

If you click “check-in” status, you can see all the flights and see the check-in status of each flight.

2. Notice page

At the beg of the system, we will send you an important notice. Please read it care and click [I have notic2]then you can retrieve.



3. Retrieve:

1. Click the three buttons to switch the methods to retrieve. After entering your information, you can click the button “Retrieve” to enter the next page to see your flight information.

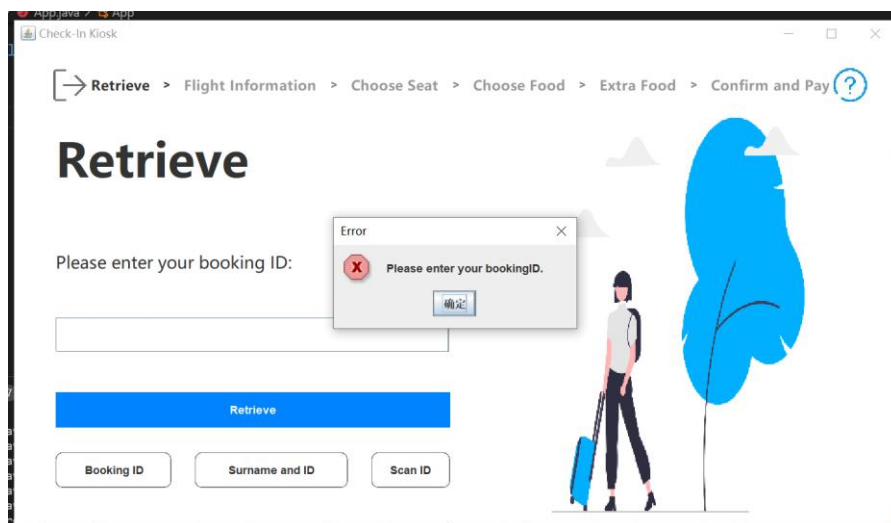
Retrieve

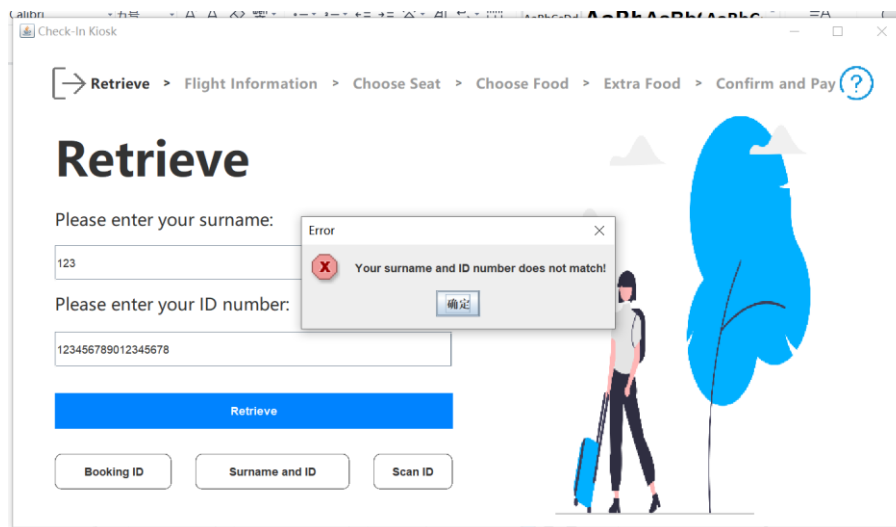
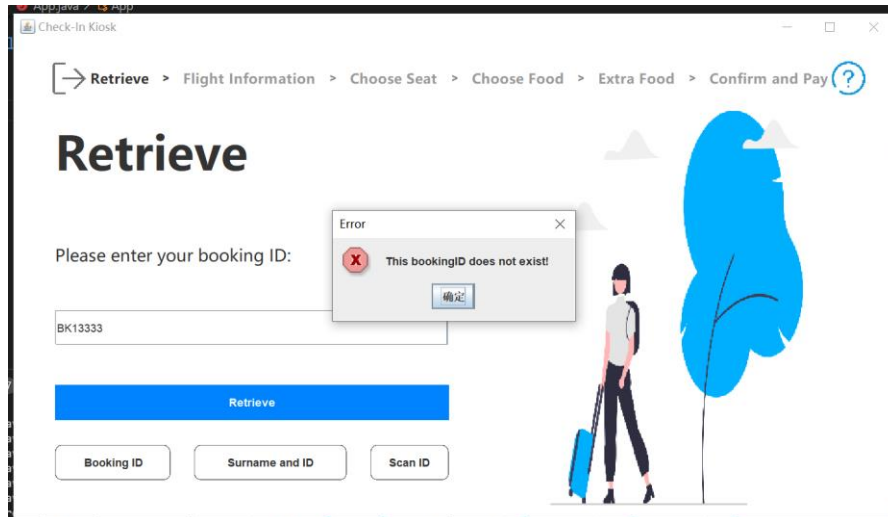
Booking ID

Surname and ID

Scan ID

2. In “Booking ID” part, you should enter your booking ID number. And in the next page, you can see **only one** ticket which is bind to that booking ID.
3. In “Surname and ID” part. You should enter your surname and ID number. And in the next page, you can see **all** of your booked tickets.
4. In “Scan ID” part, you should scan your ID document. But in the real operation, you can **click the “Retrieve” button directly** and the system will show the tickets of the user “Yunuo Wang” automatically.
5. The information you can enter:
(1) Booking ID: BK1001 BK1002
(2) Surname: Wang
(3) ID number: 123456789012345678
6. Invalid input Check: If you click the Retrieve button with the text field blank or your surname and ID number does not match or you have not booked any ticket, there will be an error alert.





4. Flight Information:

This page is to check the flight information and choose the flight to check in:

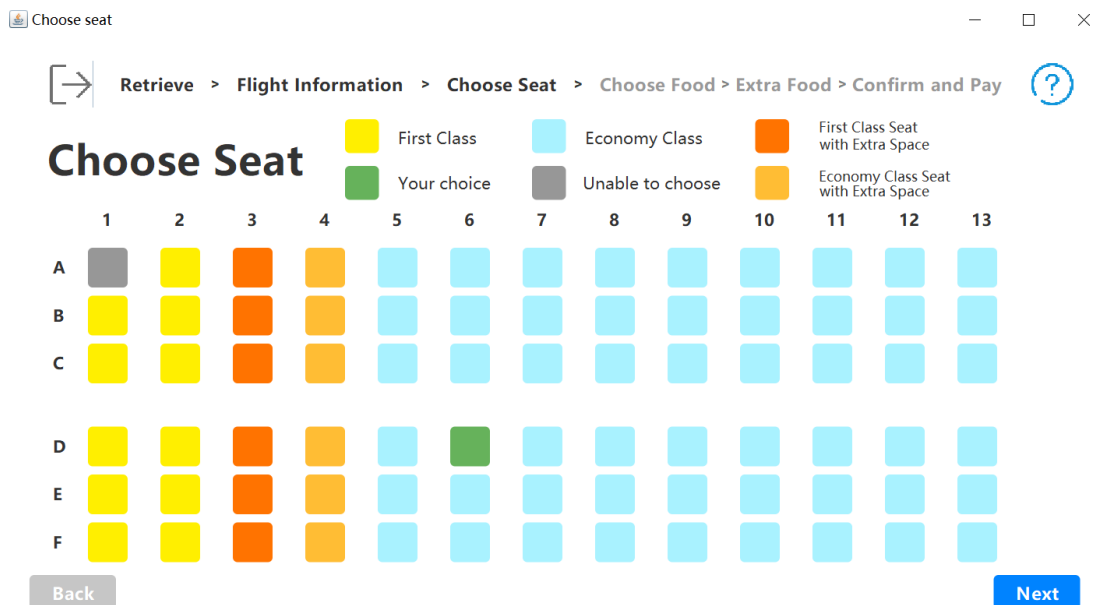
1. In this page, user can see **all the tickets** on the left.
2. The ticket is ordered: tickets which are not out of date are shown before tickets out of date, and the tickets are ordered by time.
2. Click one of them, user can see **all the information** about the flight he/she choose Including booking ID, date, departure airport, destination airport, departure time, arrive time, departure city, destination, class of the seat, terminal, gate, and also the name and ID number. **If you do not choose a ticket, it will show the first ticket's information.**



3. After user chose the flight, he/she can choose “Next”, it will turn to “choose seat page”, and the later pages’ choices are only about the flight he/she choose.

4. If you have any questions, Please click the question symbol then you would see a user-handbook or you can call human service. If you click the [I have noticed] this frame would disappear and if you click [human service], the frame would still there until our staff coming .

5. Choose seat:



1. The page shows all the seats in this plane. Different color represents different meanings.
2. The seat buttons on the page are arranged automatically according to the aircraft type.
3. If you have chosen First Class on your ticket, you can only choose First-Class seat, which means seats of the blue color will be shown in grey without action performance. If you chose Economy

Class before, you can click any seat. If you choose a First-Class seat or a seat with extra space, you need to pay extra money for that.

4. You can change the choice as many times as you want before you pay for your food and seat.

5. The page will show the seat that you have chosen when you get back to this page from other pages unless you have paid for it or already checked in.

5. After selecting a seat, the page will be refreshed to display the latest status of each seat button.









6. Click “next” to go to food choosing page after selecting a seat.

6. Choose food:

Retrieve > Flight Information > Choose Seat > Choose Food > Extra Food > Confirm and Pay (?)

Choose Food

You can choose a type of food you prefer:









 Standard FREE	 Vegan FREE	 Hamburger \$5.0	 Beefsteak \$12.0
 Halal \$2.5	 Child FREE	 Seafood \$8.0	 Low Sugar \$4.0

back next

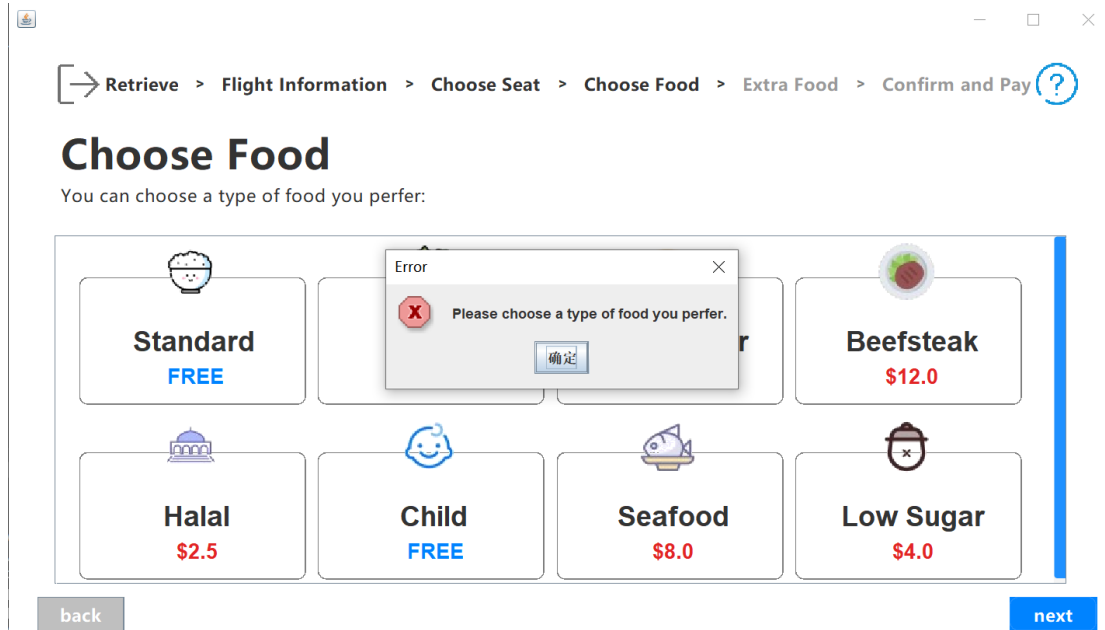
Retrieve > Flight Information > Choose Seat > Choose Food > Extra Food > Confirm and Pay (?)

Choose Food

You can choose a type of food you prefer:

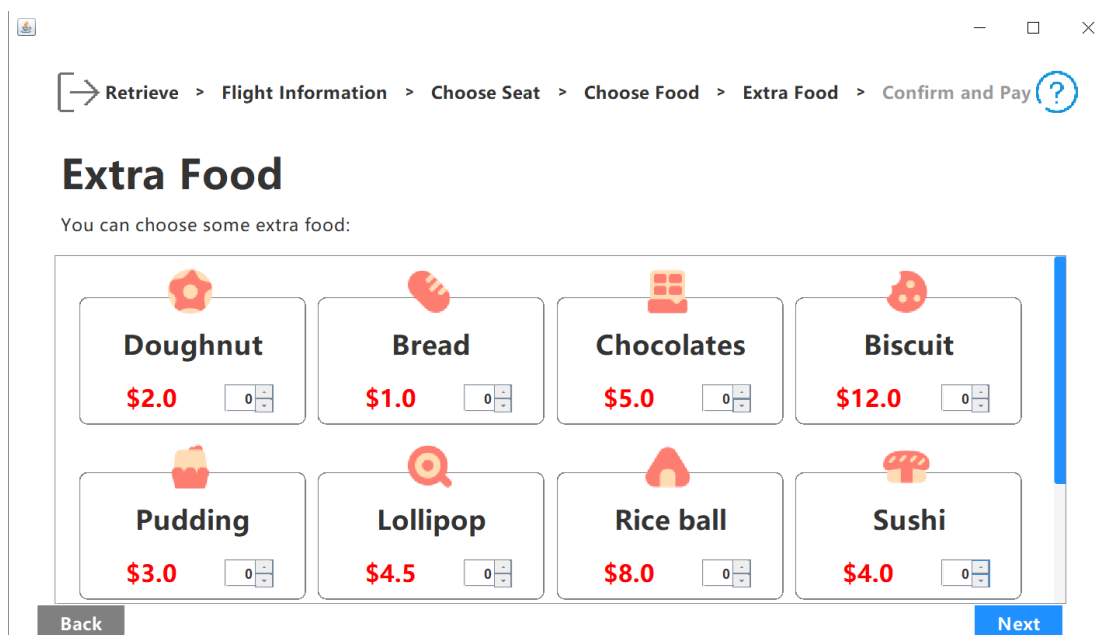
 Standard FREE	 Vegan FREE	 Hamburger \$5.0	 Beefsteak \$12.0
 Halal \$2.5	 Child FREE	 Seafood \$8.0	 Low Sugar \$4.0

back next



1. The meal sets are put in the **JScrollPane**. If we need more types of food, we can add them to the end and the users can scroll the window to see them easily.
2. Each food item is indicated with its schematic, name and price.
3. The users can click to choose the food and the green check mark will display.
4. According to the requirement, **one and only one** type of food must be selected. If the customer does not choose any type of food, there will be an error alert.
5. If the customer chooses the food with the price tag, he/she will pay for it on the subsequent payment page.

7. Extra Food:



6. The users can choose some extra food such as drinks or desserts. If so, he/she will will pay the extra money in the payment page.

- The users can select the number of copies they want by clicking the up and down arrow or directly entering the number in the input box.
- If you do not need extra food, you can click the “next” button directly.

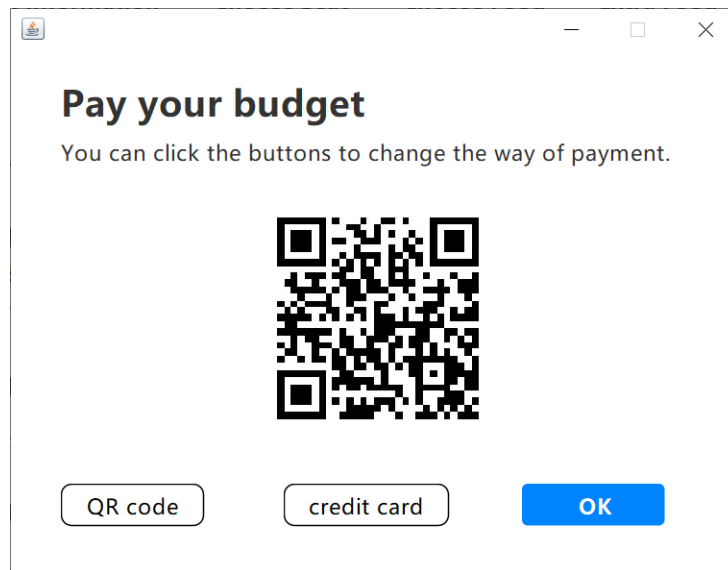
8. Confirm and pay:

The screenshot shows a web application window titled "Confirm and Pay". At the top, a breadcrumb navigation bar reads: "Retrieve > Flight Information > Choose Seat > Choose Food > Extra Food > Confirm and Pay". Below the title, a sub-header says "Please check your information and pay the bill:". On the left, there are three summary boxes: "Economy Class Window Seat" for \$0.0, "Low Sugar" for \$4.0, and a "Total" of \$4.0. On the right, a detailed flight information card displays: Booking ID BK1101, date Apr 10, 2022, Air China flight 231451, route from Zhuhai (Jinwan Airport) to Harbin (Taiping Airport), departure at 04:45, arrival at 11:10, a 6h25min flight, food provided, 2 terminals, and gate 34. Passenger information for Yunuo Wang (ID: 123456789012345678) is shown at the bottom left of the card. A blue "Next" button is at the bottom right, and a grey "Back" button is at the bottom left.

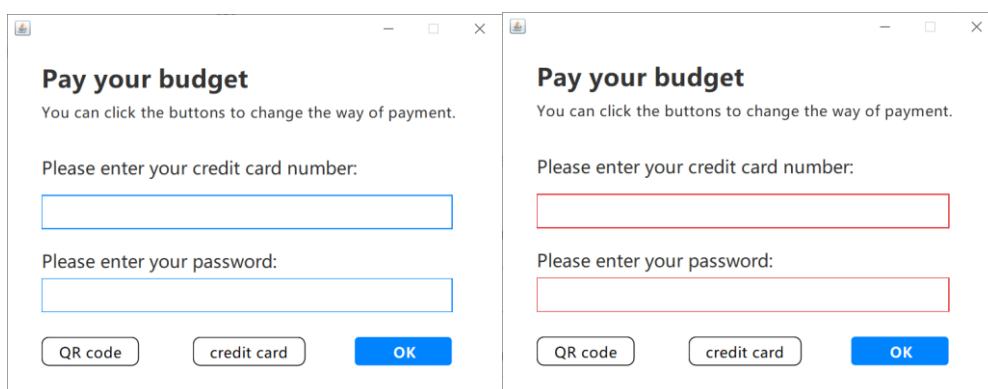
- You could see your choices in the frame. In the left of the panel, we will show you the seat type, food, and the total prices. And in the right, the detailed flight information of your ticket would be posted. Compared to the previous one, your seat id would be added.
- You can click the food squared label on the left to see the detailed food choices bill. A frame with the food you have chosen will appear in the middle of the window.

The screenshot shows a window titled "Details of food choice". It contains a list of selected items: "Hamburger" for \$5.0 x 1, "Chocolates" for \$5.0 x 1, and "Rice ball" for \$8.0 x 1. At the bottom, a summary box shows the "Total of Extra Food" as \$18.0. The window has a standard OS-style title bar with minimize, maximize, and close buttons.

- If you have budget to pay, you will see the window of payment after clicking the “next” button. Otherwise, you will jump to the “Confirm and Print” page directly. The page of payment is shown as follows.



4. There are two ways of payment which means “scanning the QR Code” and “entering the credit card number and password”. You can switch the two ways of payments by clicking the buttons on the bottom. After entering or scanning you can click the button “OK”. If your credit number or password doesn’t match, the test field will be cleared and the border will also turn to red. Otherwise, the successful popup will be shown if they’re correct.



5. The information you can enter:

- (1) Credit card number: 4001234567
- (2) Password: 123123123

6. After you successfully pay for your bill and click the OK button in the announcement frame, you will step to a new panel showing your detailed information and notice you to scan your ID document to print your tickets.

9. Check in:

See the information of the flight and click the button “check in”. You will see a popup telling your documents are printing. After clicking the button “OK”, you will jump to the welcome page.

(1)Booking ID: BK1001

(2)Surname: Wang

(3)ID number: 123456789012345678

(4)Credit card number: 4001234567

(5)Password: 123123123

2. The help button and exit button can be used now
3. In choose seat page, you can see the flight seat location and choose the seat you want
4. In the payment page, we add a new way to pay by scanning QRcode.
5. We give you a notice when you enter wrong information
6. You can get back to the front page whenever you like