Capstone Design (2)
Project Manual

북박북

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Content

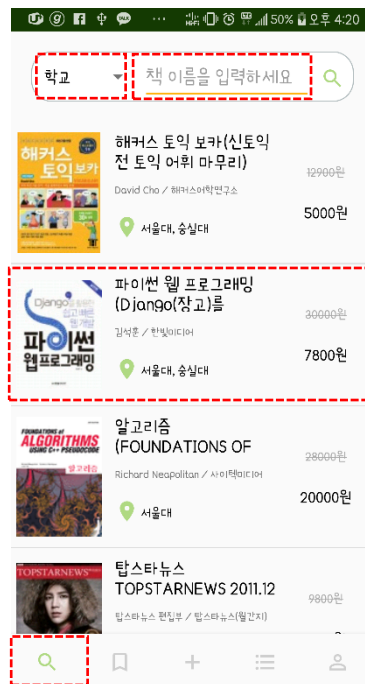# 1. Manual for member.

1) Sign up

- Pressing the 'Sign up' button on the login screen will move on to the sign up screen.

- Check the ID for duplicates.

- If you wrote down all items, click the 'Join' button to complete the sign up.

2) Login

- Enter ID and password to sign in and click the 'Log in' button.

- You can also log in automatically.

3) Searching for books

- Tap the magnifying glass tab to view the page where you can search the book.

- You can search books by book name and school.

- Clicking on a book item takes you to a detailed page about the book.

4) Book Details Page

- The book details page allows you to check the book information registered by the seller.

- You can bookmark by pressing the 'Bookmark' button.

- You can press the 'Purchase' button to proceed with the purchase.

- You can check the seller's rating.

5) List of books sold/ books bought
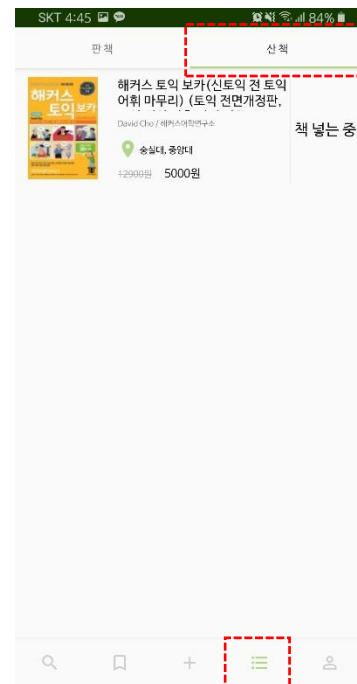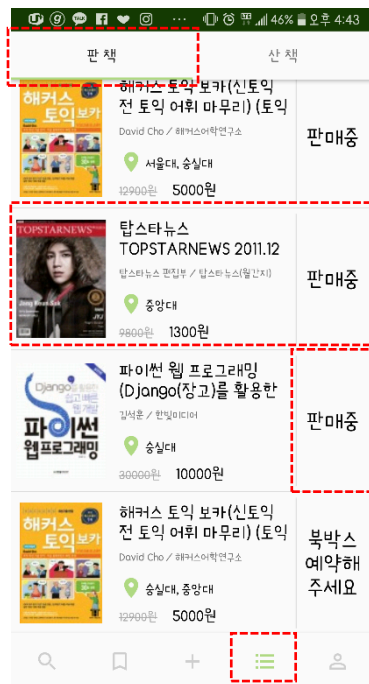
- On the Sold Books tab, you can find a list of books you have sold.

- On the Buy Books tab, you can find a list of books you bought.

- You can check the status of the book and press the 'Status' button to move on to the next screen.

- Clicking on a book item takes you to a detailed page about the book.

6) My page
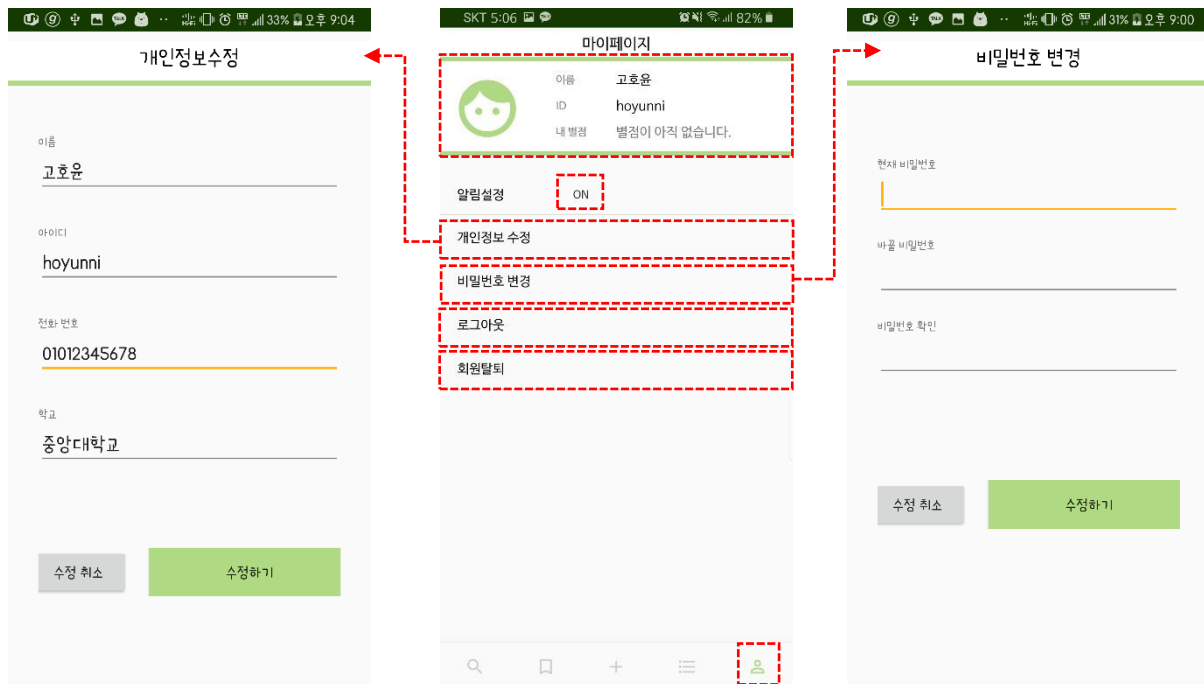
- You can check your name, ID, and rating information.

- The notification settings can be switched on and off using the 'ON/OFF' buttons.

- You can modify your personal information, but you cannot change your ID.

- You can change your password.

- Allows you to log out.

- You can withdraw from membership. All information registered upon membership will be lost.

2. Manual for seller

1) Registering a book

- **Standard book information**
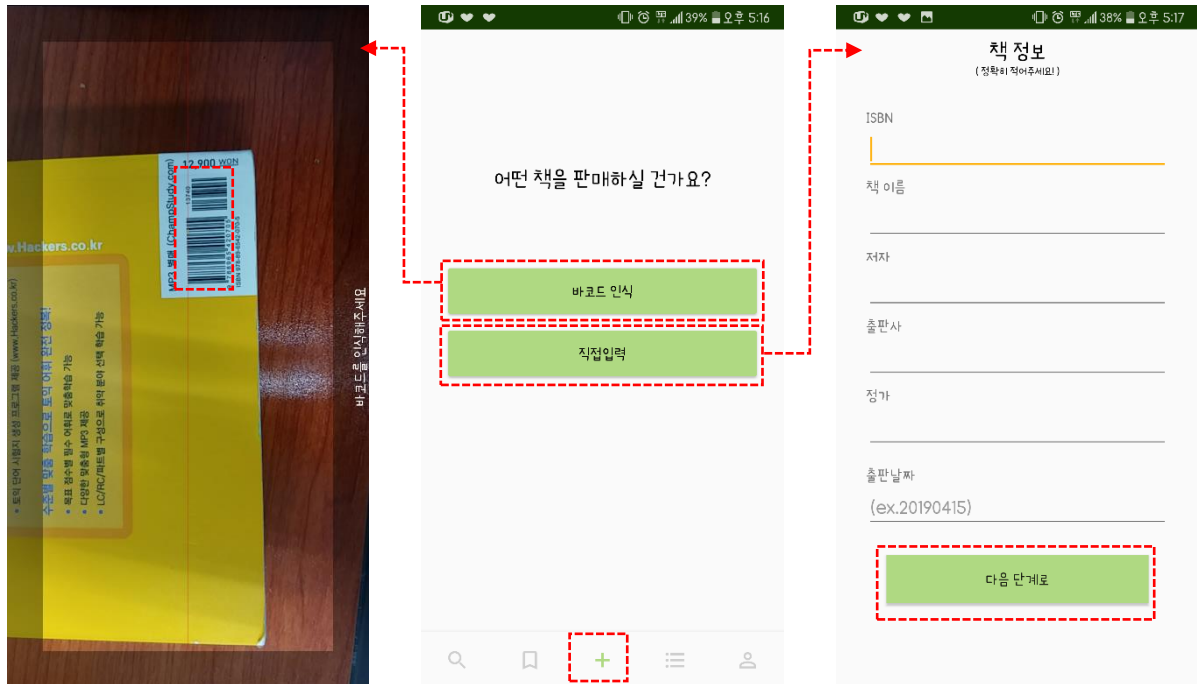
- When registering a book to sell, you can recognize the barcode and register it by entering it yourself.

- When a book's barcode is recognized, the book's information items are filled on their own.

- If you've finished filling out the items, we'll move on to the next level.

- **Seller's Book information**

- Check the handwriting/book damage section of your book.

- You can upload up to three pictures of your book. The photo upload can be selected from the album or by taking pictures.

- Up to two trading locations can be registered, and schools can be selected by looking at the list of schools with book boxes.

- If all items are filled, press the 'Registration' button to register the book.

2) Book box Reservation

- Click the 'Status' button to reserve a book box from the list of books sold, and go to the Book box Reservation screen.

- Book box reservations screen will show the name of the school selected by the buyer.

- When reserving a date for book box, you can select a date using a spinner or a calendar view.

- When you have finished selecting a date, press the 'Reservation' button.

3) Put a book in

- Click the 'Status' button on the list of books sold and move on to the Book box reservation information screen.

- Book box reservation information includes school information, box number, reservation date and QR code with reservation information.

- The following steps can be carried out in the 'Book Box' with the QR code.
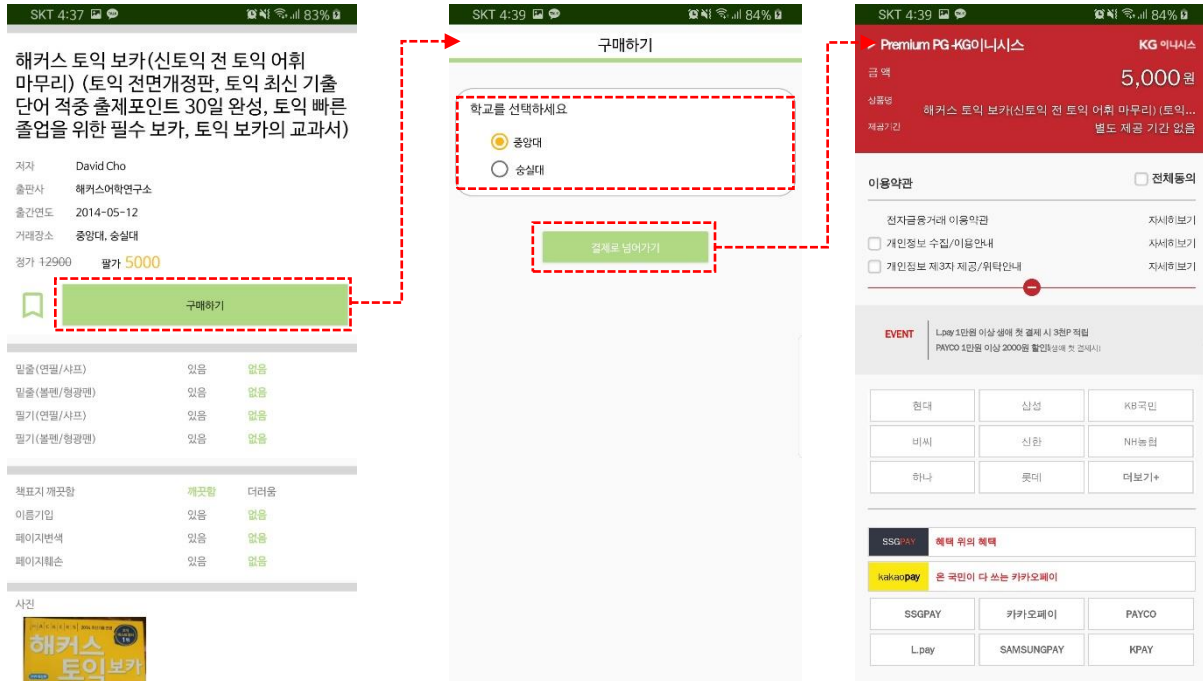
4) Enter account number

- Click the 'Status' button to enter the account number, and you can fill out an account number.

- Enter the bank, account number and depositor and press the "Completion" button.
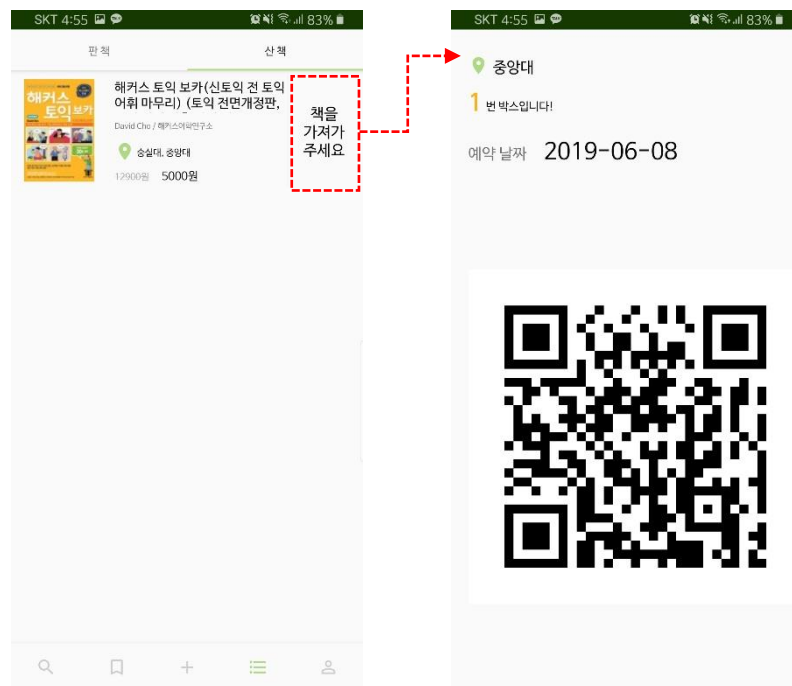
3. Manual for Buyer

1) Buying

- Click the 'Purchase' button on the Details page to go to the Purchase screen.

- On the Purchase screen, select the school you want to trade.

- When you have finished choosing your school, click the 'Go to Payment' button.

- Payment will be made in the desired manner and the purchase will be completed.

2) Take a book

- Click the 'Status' button on the list of books bought and move on to the Book box reservation information screen.

- Book box reservation information includes school information, box number, reservation date and QR code with reservation information.

- The following steps can be carried out in the 'Book Box' with the QR code.

3) Confirmation of purchase
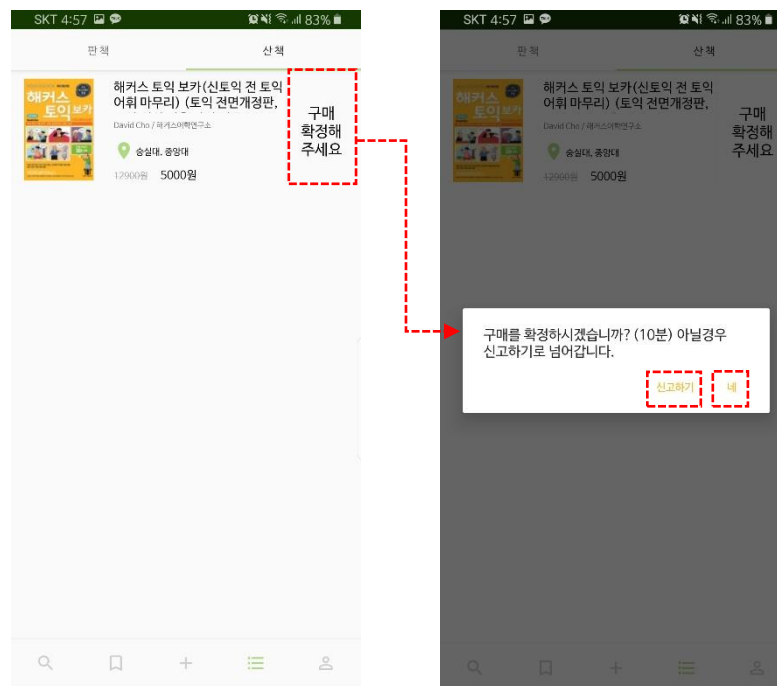
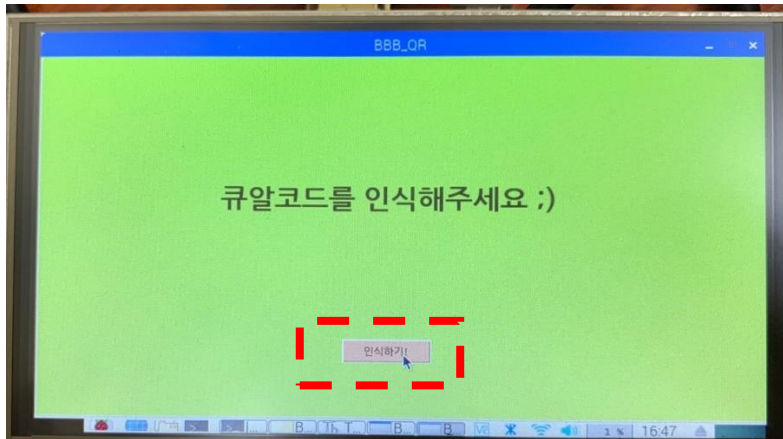- Click the 'Status' button on the list of books bought and choose whether to confirm the purchase or report seller.

4) Evaluate
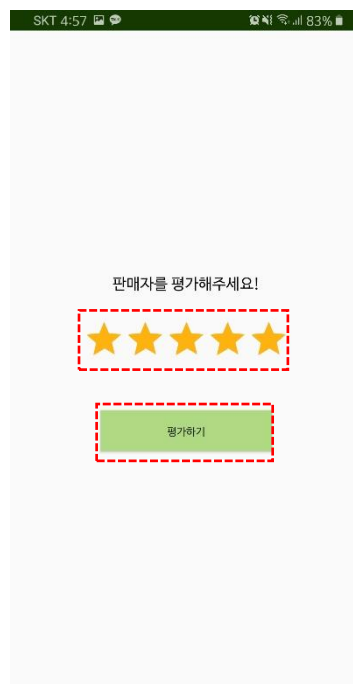
- If you have confirmed your purchase, you evaluate the seller by rating a star mark.

4. Manual – Book Box

1) Recognize OR

Check data
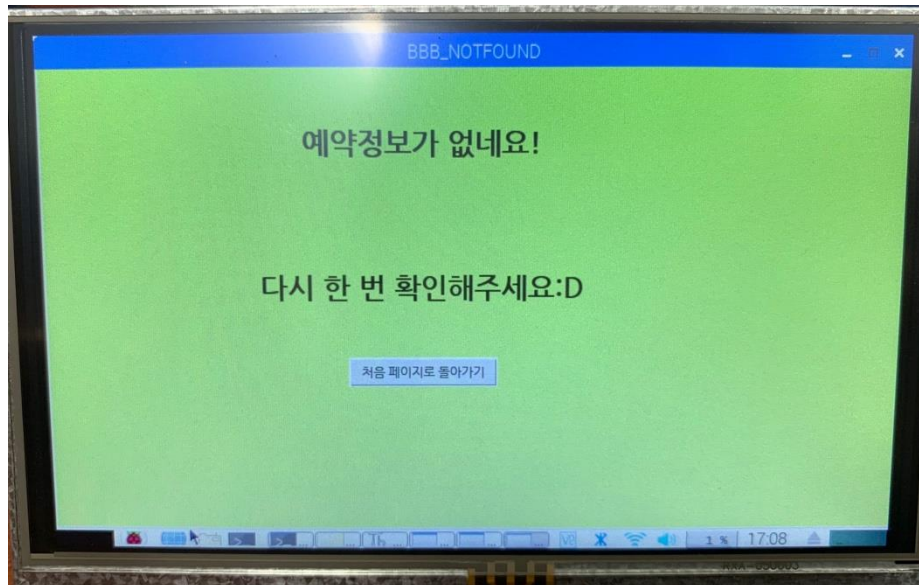
- QR code contains

  - ISBN of Book

  - Register number of book

  - User id

After recognize the data of QR code,

- Book box send decoded data to Server.

- Server check the date, QR data.

- And get information a. whether the reservation is true or false and b. whether user is seller or buyer.
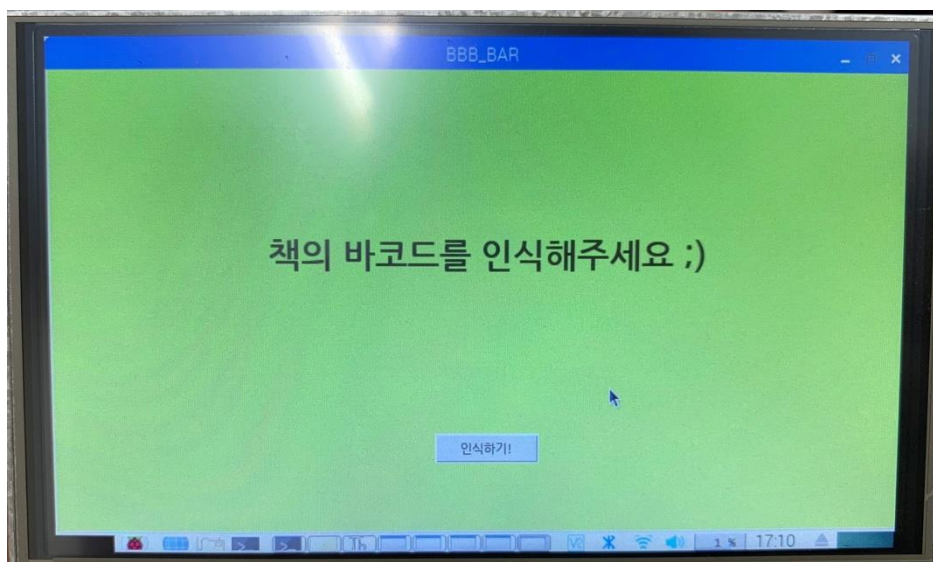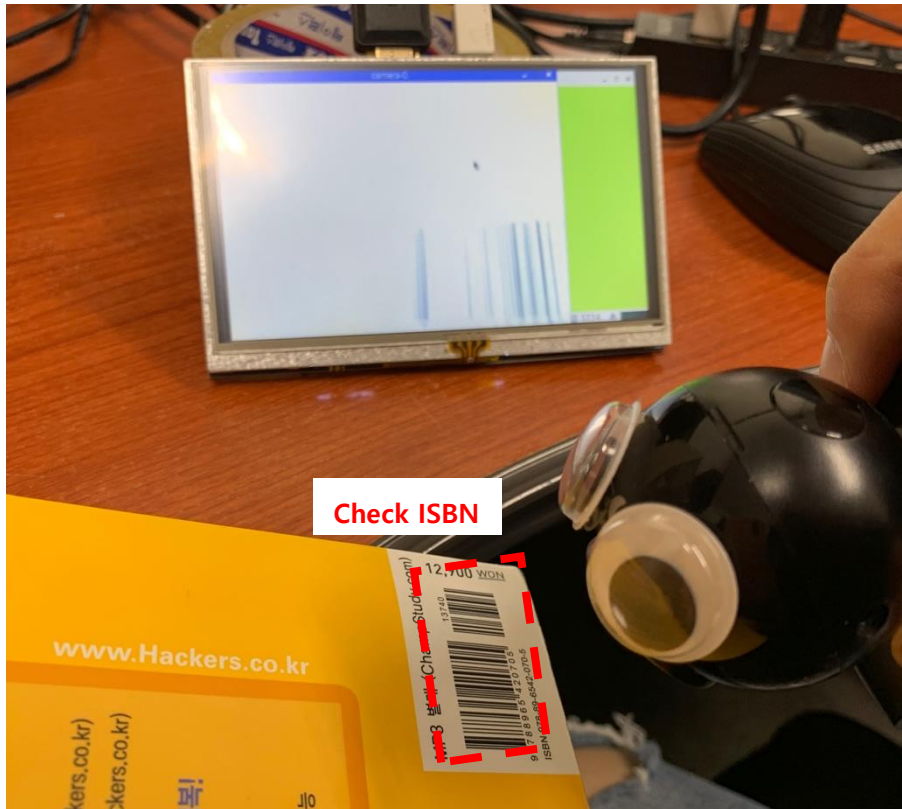
2) Seller

If the user is Seller, and the reservation is not true, the user will cannot do further step.


(1) Recognize Barcode

However, if reservation is true, user need to recognize barcode of the book which he/she sold. And book box is ready to check whether the book is right one or not.
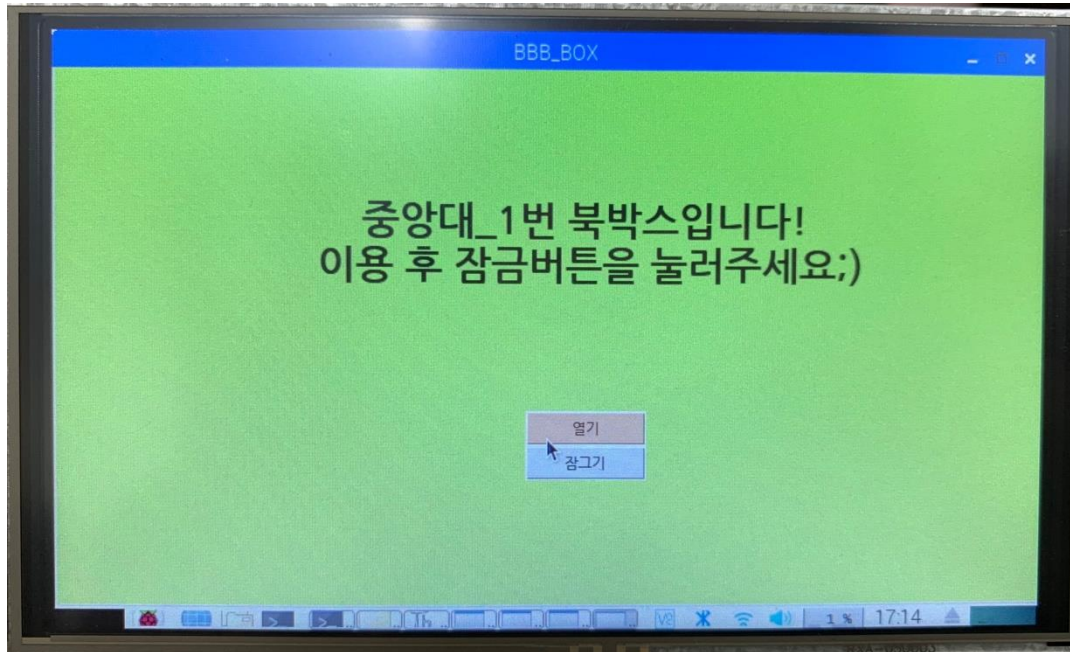
Check ISBN

After recognize the ISBN, check this ISBN is same with the data which Book box already have through recognizing QR code.

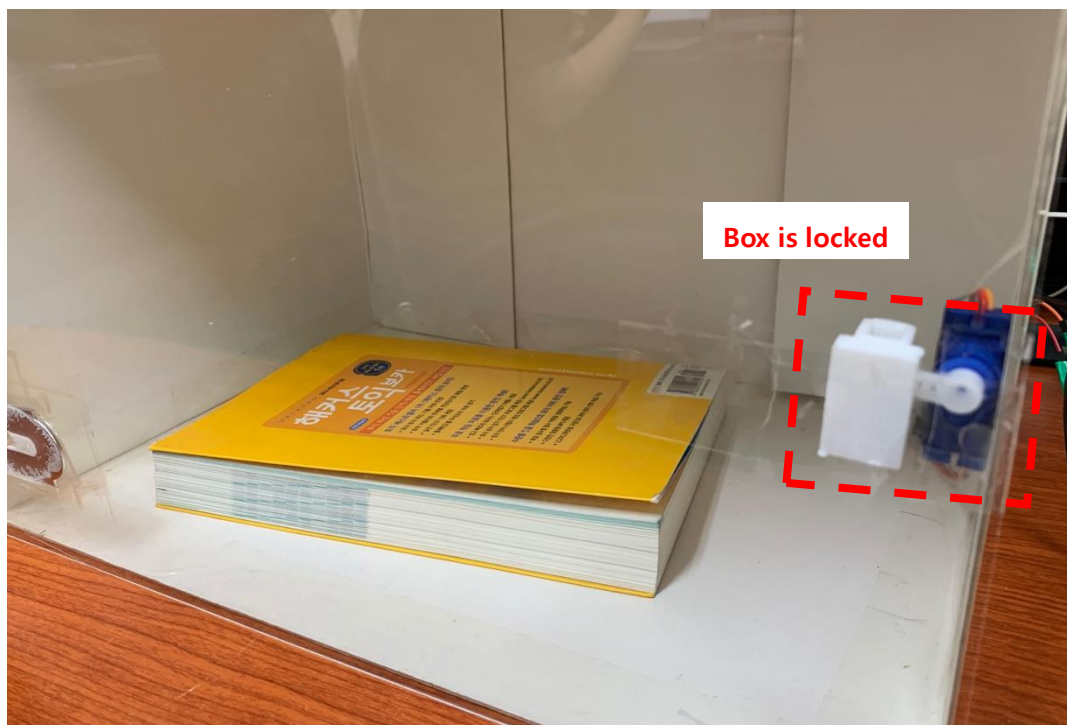If ISBN is not same, seller should re-recognize the barcode or should stop the steps.
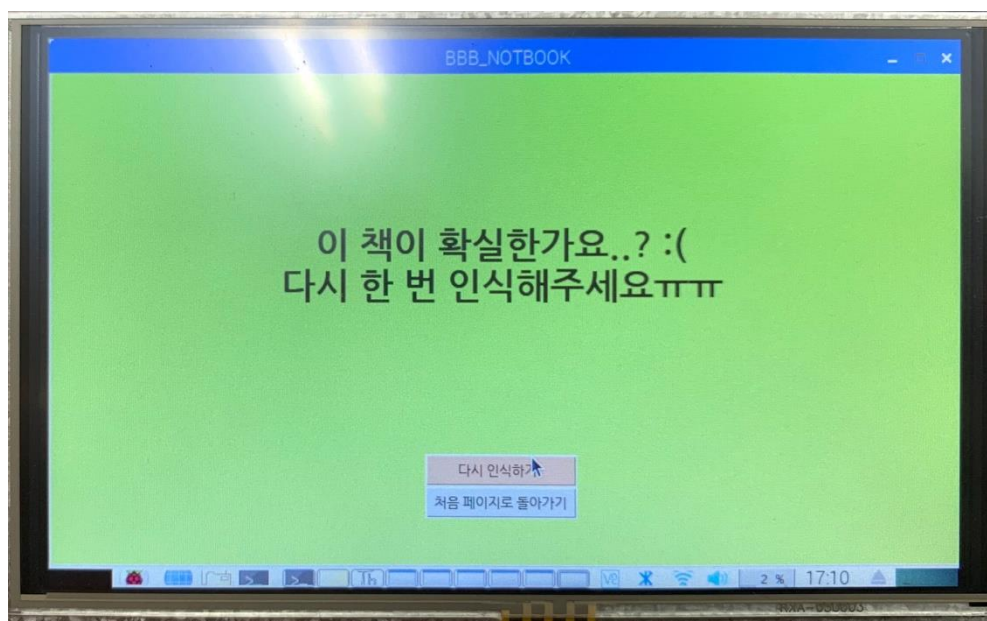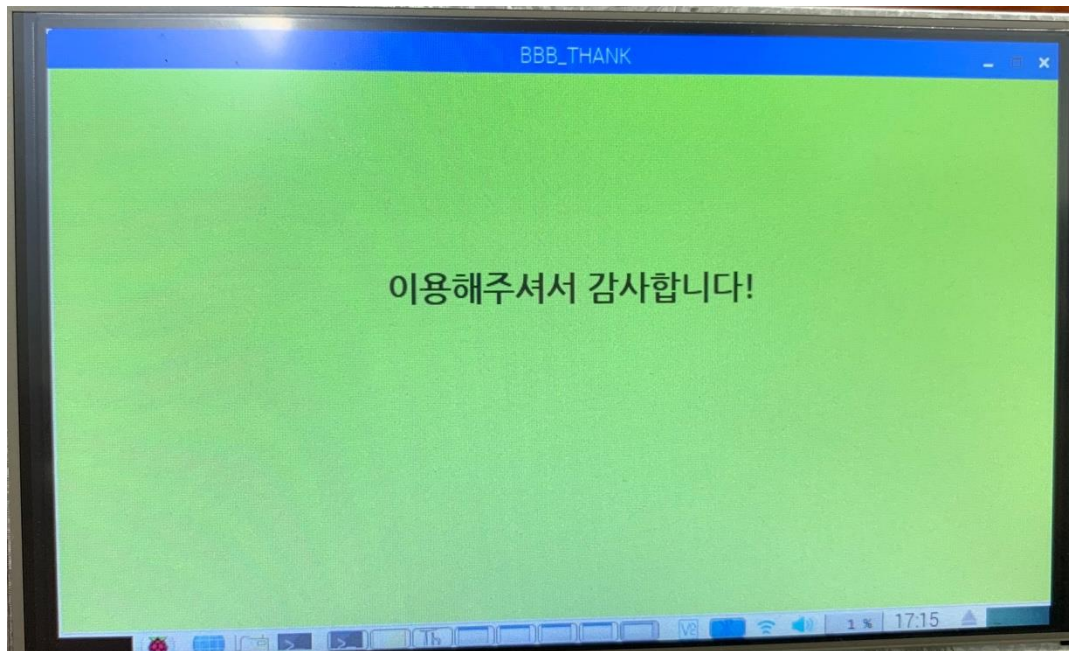
(2) Lock/unlock the book box

However, the book is right one, seller can unlock the book box and put the book for a buyer.

After seller put the book and lock the book box, Book box send information about this to server. Through this, buyer can get alarm that notice him/her to take the book.
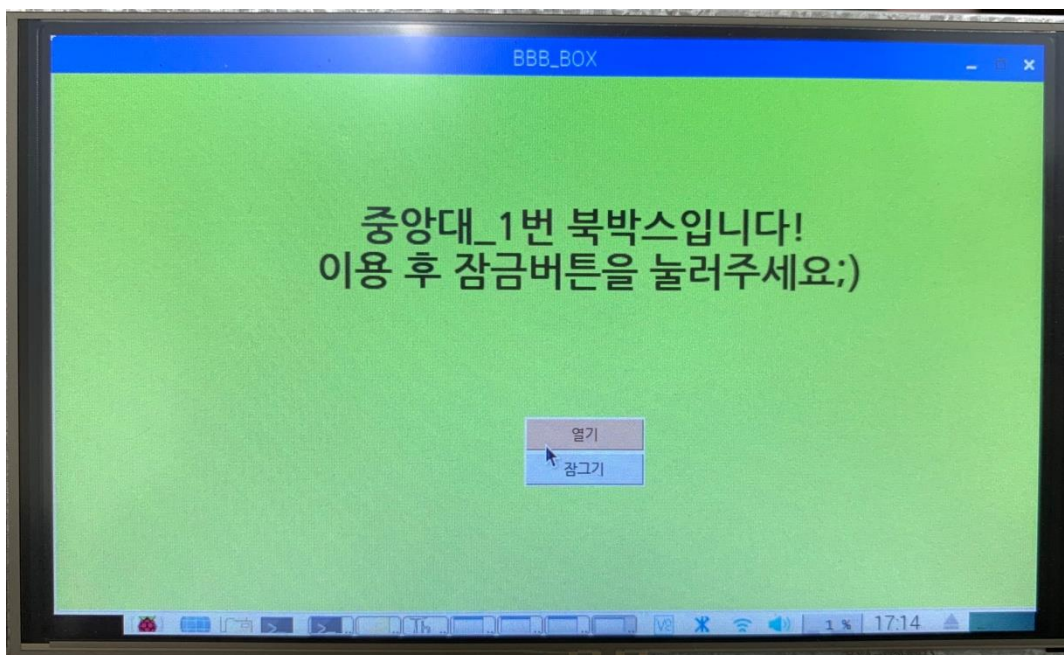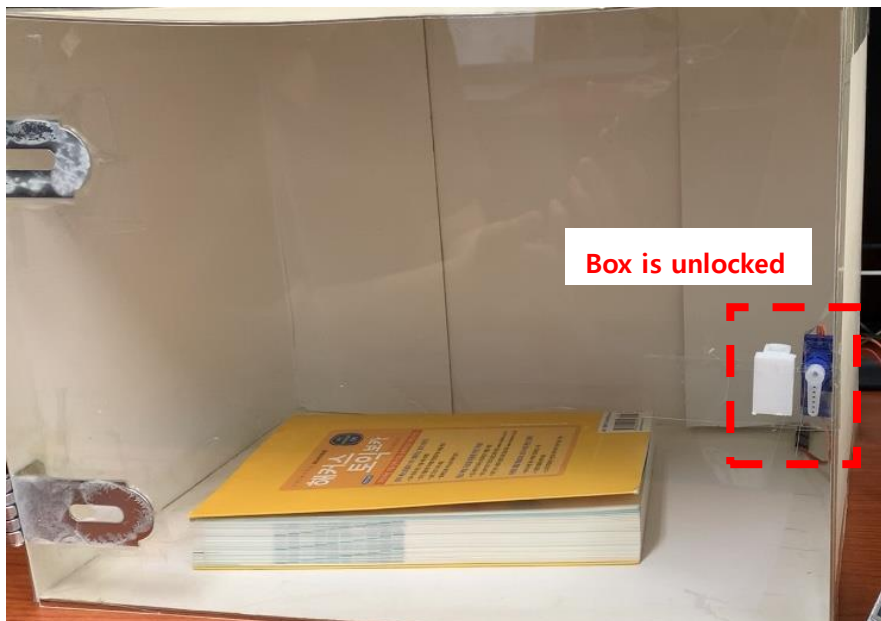
(3) Thank message

3) Buyer

(1) Lock/unlock the book box

If the user is buyer while the reservation is true, buyer also can lock/unlock the book box to take book.

Box is unlocked

After a buyer take his/her book, he/she should confirm purchase in 10 minutes or report and cancel the purchase if there is a problem.

(2) Thank and inform message

Book box will notice this to a buyer at the end of step.