Web programming Lab

Final project

2016313746

Introduce

- Django, html, css, js, and jquery were used as programming languages.

- Mysql was used as database

- I used opensource Bootstrap to design overall website.

- I used the front-awesome for the icons.

Login

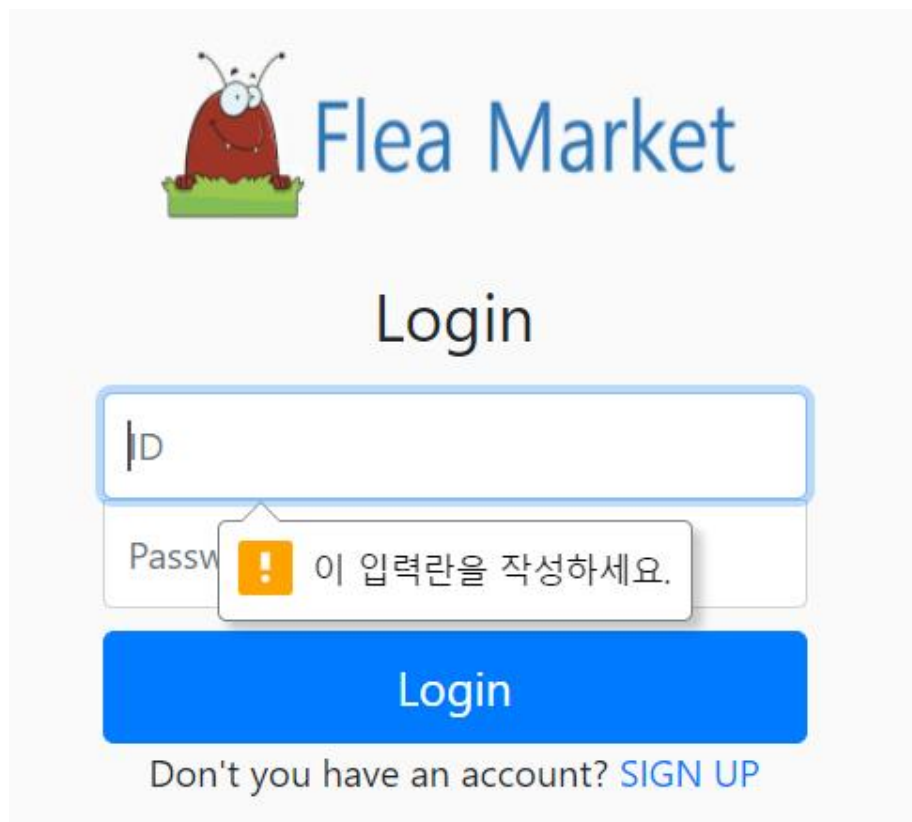- An opensource template called 'Sign-in' bootstrap-4.5.3 was used.

Login error

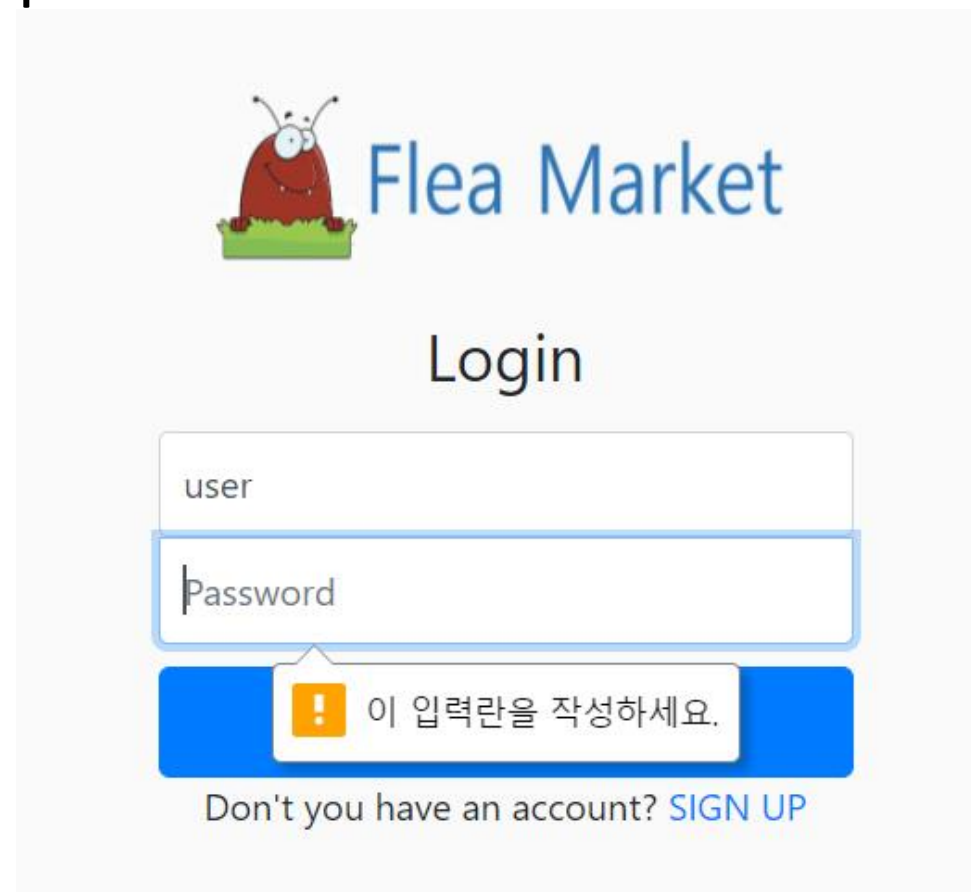- When the user does not enter an ID

- When the user does not enter a password

Login error

- When the user does not enter wrong ID or password
- Put the sentence "Check your ID or Password" as an alert.
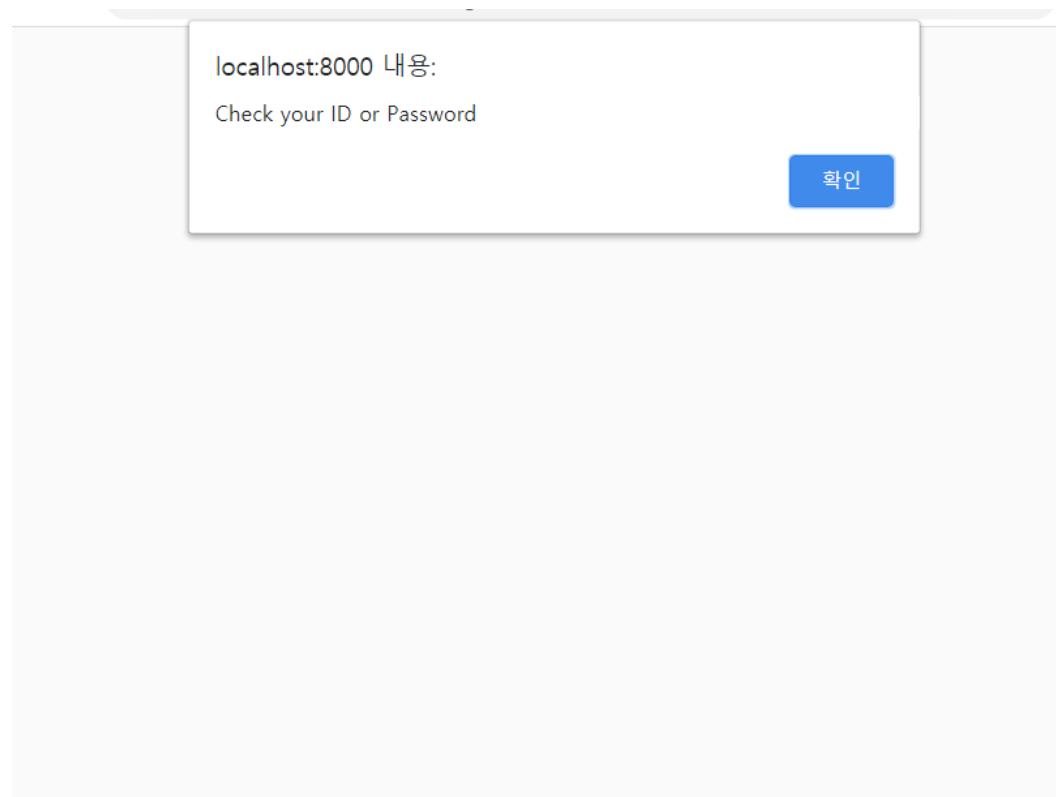
Sign up

- An opensource template called "Checkout" in bootstrap-4.5.3 was used.

Sign up error

- When ID is not entered
  - Put the sentence "Please input ID" as an alert.

localhost:8000 내용:

Please input ID

확인
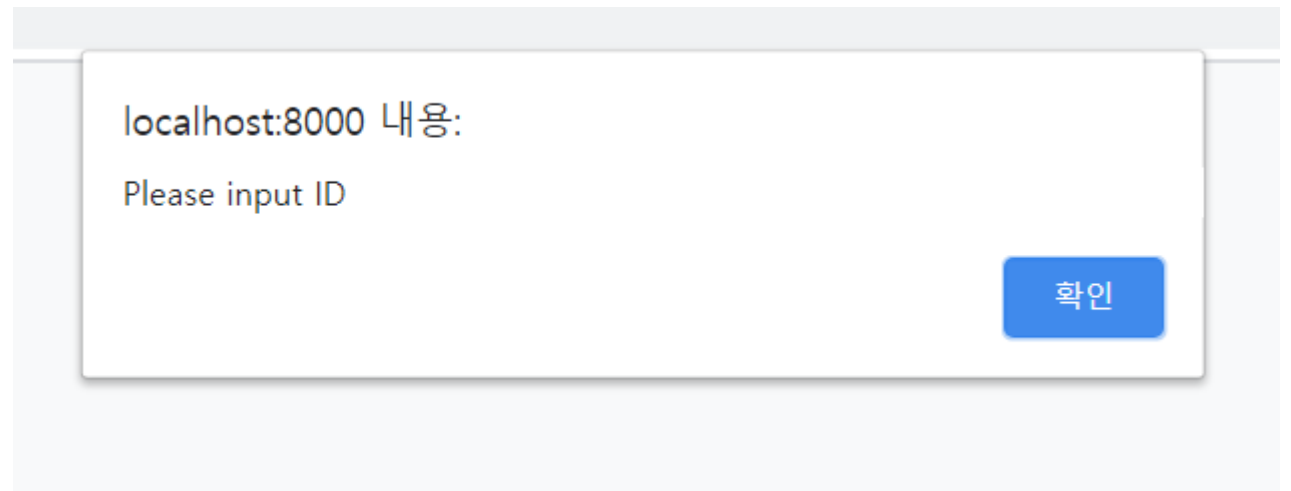
Sign up error

- When ID duplicates
  - Put the sentence "This ID already exists" as an alert.
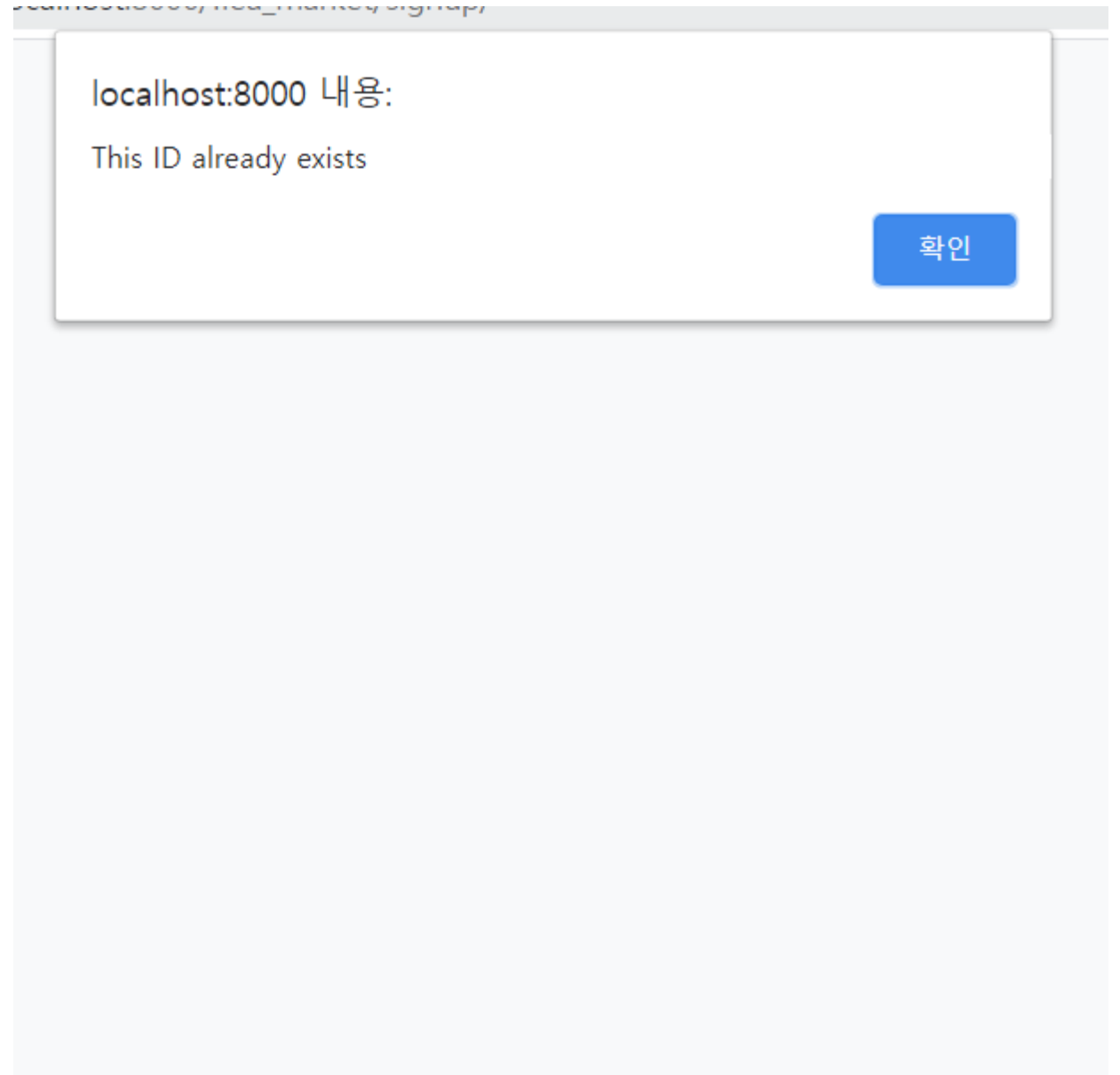
Sign up error

- When required input is not entered.

SIGN UP

ID

[ID   ] [CHECK]

Password

[⊘]

Please enter your password.

Confirm Password

[⊘]

Please confirm your password.

First name

[⊘]

Valid first name is required.

Last name

[⊘]

Valid last name is required.

Email (Optional)

[you@example.com   ✓]

Address

[1234 Main St   ⊘]

Please enter your address.

Phone Number

[010-1234-5678   ⊘]

Please enter your phone number.

[**SIGN UP**]

Sign up error

- When the user enters an incorrect e-mail

- E-mail entry is optional, but an error message is displayed if the user enters an invalid e-mail.

SIGN UP

ID

| user | CHECK |

Password

| •••• ✓ |

Confirm Password

| •••• ✓ |

First name

| user ✓ |

Last name

| user ✓ |

Email (Optional)

| wrong_email ⊘ |

Please enter a valid email address

Address

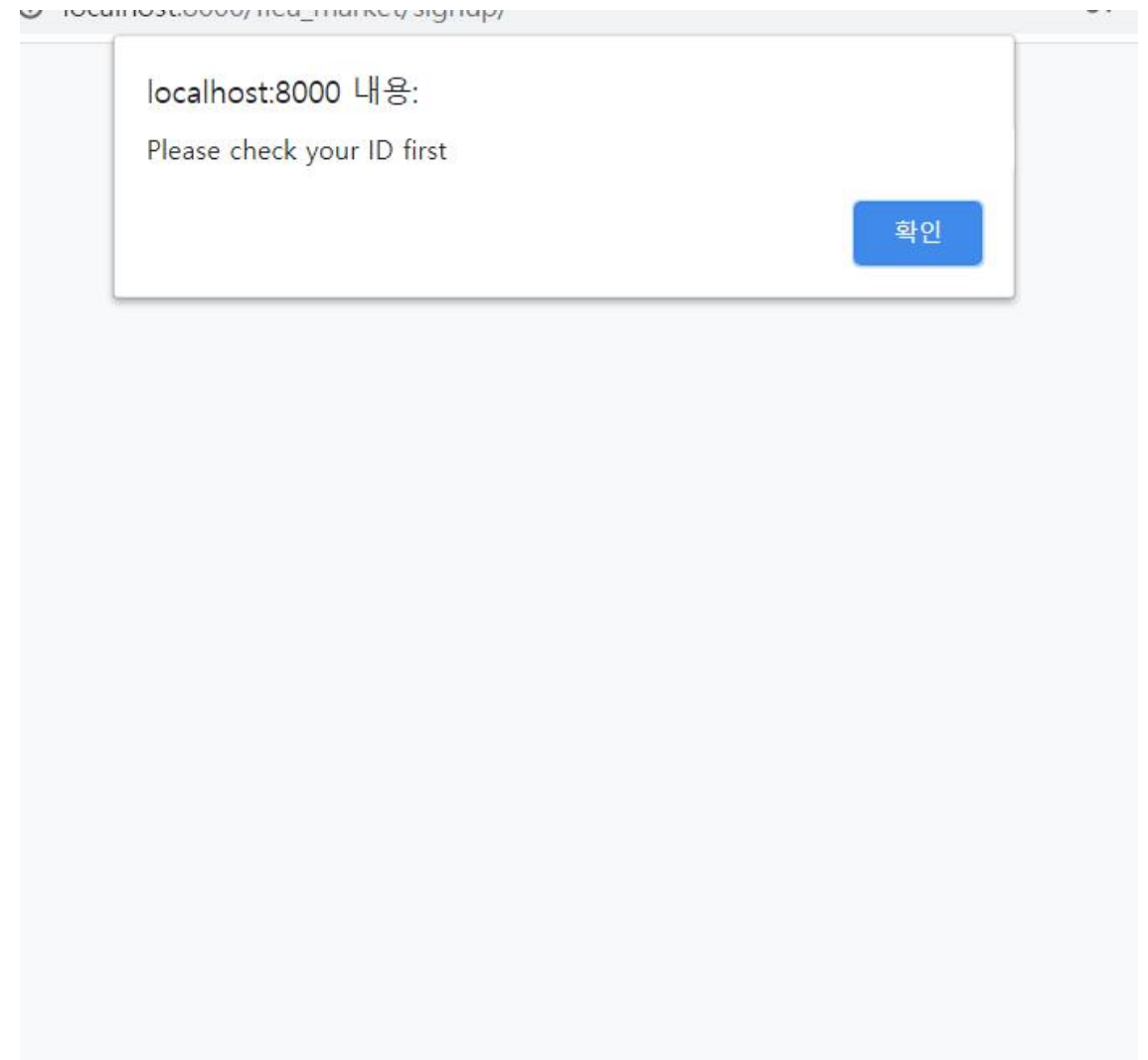| Sungkyunkwan University in Suwon, Gyeonggi Province |

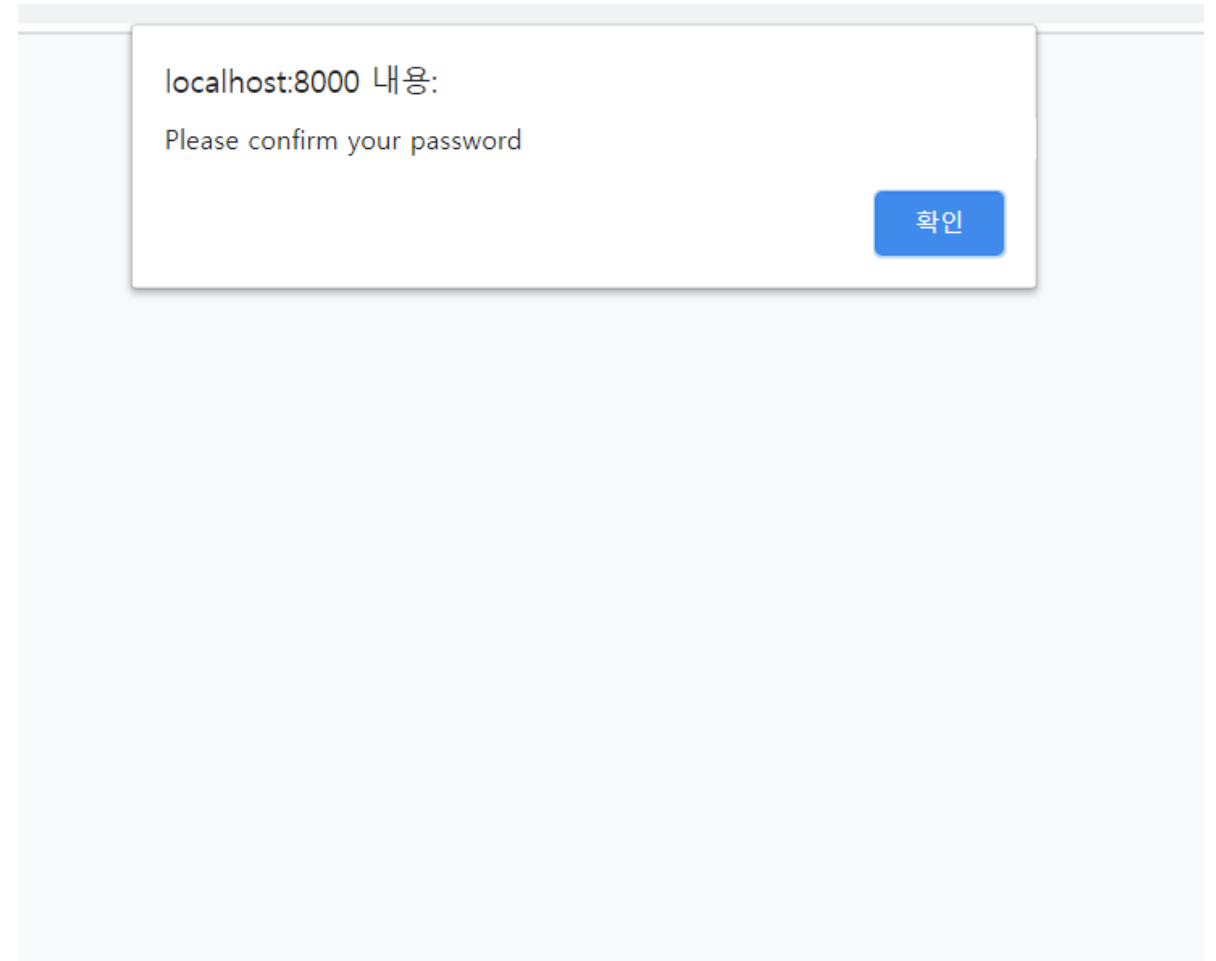Phone Number

| 010-0000-0000 ✓ |

SIGN UP

Sign up error

- When ID redundancy check is not made
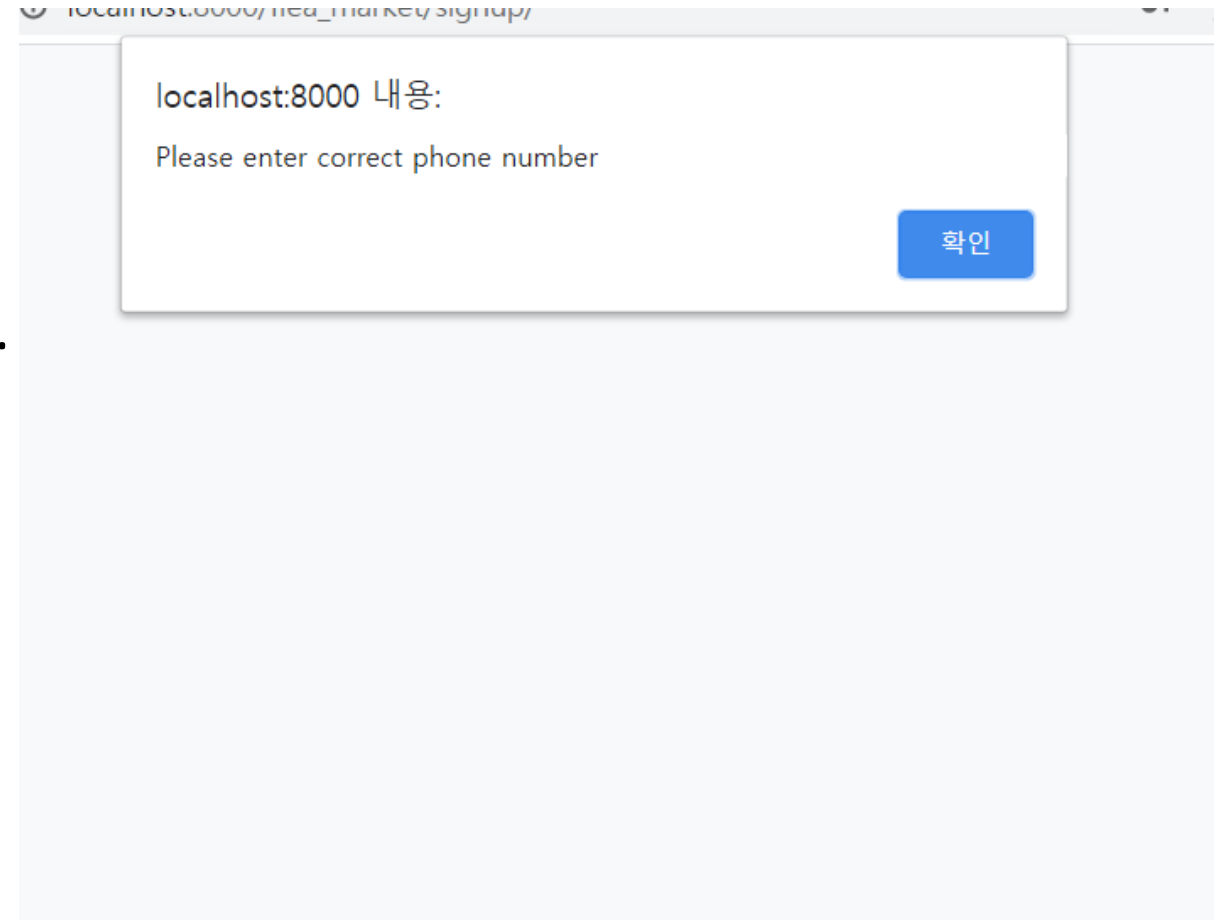 - Put the sentence "Please check your ID first" as an alert.

Sign up error

- When two password are not same(password, confirm password)
  - Put the sentence "Please check your ID first" as an alert.

Sign up error

- When the user enters an invalid phone number.
  - Put the sentence "Please enter correct phone number" as an alert.

Sign up success

- The information of user is stored in database.

```
mysql> select * from flea_market_myuser;
+------------+-----------+----------+----------+--------------------+----------------+------------------------------------------------------+-------------+
| first_name | last_name | user_id  | password | email              | phone_number   | address                                              | ban_counter |
+------------+-----------+----------+----------+--------------------+----------------+------------------------------------------------------+-------------+
| admin      | admin     | admin    | admin    | admin@admin.com    | 010-1234-5678  | Sungkyunkwan University in Suwon, Gyeonggi Province   |           0 |
| Young Hee  | Choi      | buyer1   | buyer1   |                    | 010-2222-2222  | Cheongdam-dong, Seoul                                 |           0 |
| gil-dong   | hong      | seller1  | seller1  | hong_gb@naver.com  | 010-0000-0000  | Sungkyunkwan University in Myeongryun-dong, Seoul     |           0 |
| Cheol-soo  | Kim       | seller2  | seller2  | kim@daum.net       | 010-1111-1111  | Yulieon-dong, Suwon, Gyeonggi-do                      |           0 |
| user       | user      | user     | user     |                    | 010-0000-0000  | Sungkyunkwan University in Suwon, Gyeonggi Province   |           0 |
+------------+-----------+----------+----------+--------------------+----------------+------------------------------------------------------+-------------+
```

Administrator

- The administrator can access the admin page by accessing the admin account.
  - Administrator ID: admin
  - Administrator password: admin

Administrator

- Administrator pages

  - An opensource template called "navbar", "offcanvas", and "grid" in bootstrap-4.5.3 was used.

Administrator

• Modify user's info.

```
mysql> select * from flea_market_myuser;
+------------+-----------+---------+----------+-----------------------+--------------+--------------------------------------------------+-------------+
| first_name | last_name | user_id | password | email                 | phone_number | address                                          | ban_counter |
+------------+-----------+---------+----------+-----------------------+--------------+--------------------------------------------------+-------------+
| admin      | admin     | admin   | admin    | admin@admin.com       | 010-1234-5678| Sungkyunkwan University in Suwon, Gyeonggi Province |           0 |
| Young Hee  | Choi      | buyer1  | buyer1   |                       | 010-2222-2222| Cheongdam-dong, Seoul                            |           0 |
| gil-dong   | hong      | seller1 | seller1  | hong_gb@naver.com     | 010-0000-0000| Sungkyunkwan University in Myeongryun-dong, Seoul |           0 |
| Cheol-soo  | Kim       | seller2 | seller2  | kim@daum.net          | 010-1111-1111| Yuljeon-dong, Suwon, Gyeonggi-do                 |           0 |
| user       | user      | user    | user     | modify_email@email.com| 010-0000-0000| Sungkyunkwan University in Suwon, Gyeonggi Province |           0 |
+------------+-----------+---------+----------+-----------------------+--------------+--------------------------------------------------+-------------+
5 rows in set (0.00 sec)
```

Administrator

• Delete user

```
mysql> select * from flea_market_myuser;
+------------+-----------+---------+----------+--------------------+----------------+-------------------------------------------------+-------------+
| first_name | last_name | user_id | password | email              | phone_number   | address                                         | ban_counter |
+------------+-----------+---------+----------+--------------------+----------------+-------------------------------------------------+-------------+
| admin      | admin     | admin   | admin    | admin@admin.com    | 010-1234-5678  | Sungkyunkwan University in Suwon, Gyeonggi Province |           0 |
| Young Hee  | Choi      | buyer1  | buyer1   |                    | 010-2222-2222  | Cheongdam-dong, Seoul                           |           0 |
| gil-dong   | hong      | seller1 | seller1  | hong_gb@naver.com  | 010-0000-0000  | Sungkyunkwan University in Myeongryun-dong, Seoul |           0 |
| Cheol-soo  | Kim       | seller2 | seller2  | kim@daum.net       | 010-1111-1111  | Yuljeon-dong, Suwon, Gyeonggi-do                |           0 |
+------------+-----------+---------+----------+--------------------+----------------+-------------------------------------------------+-------------+
```

Seller

- Product registration

- An opensource template called "Checkout" in bootstrap-4.5.3 was used.

Seller

- Product registration error

Seller

- Product registration - homepage
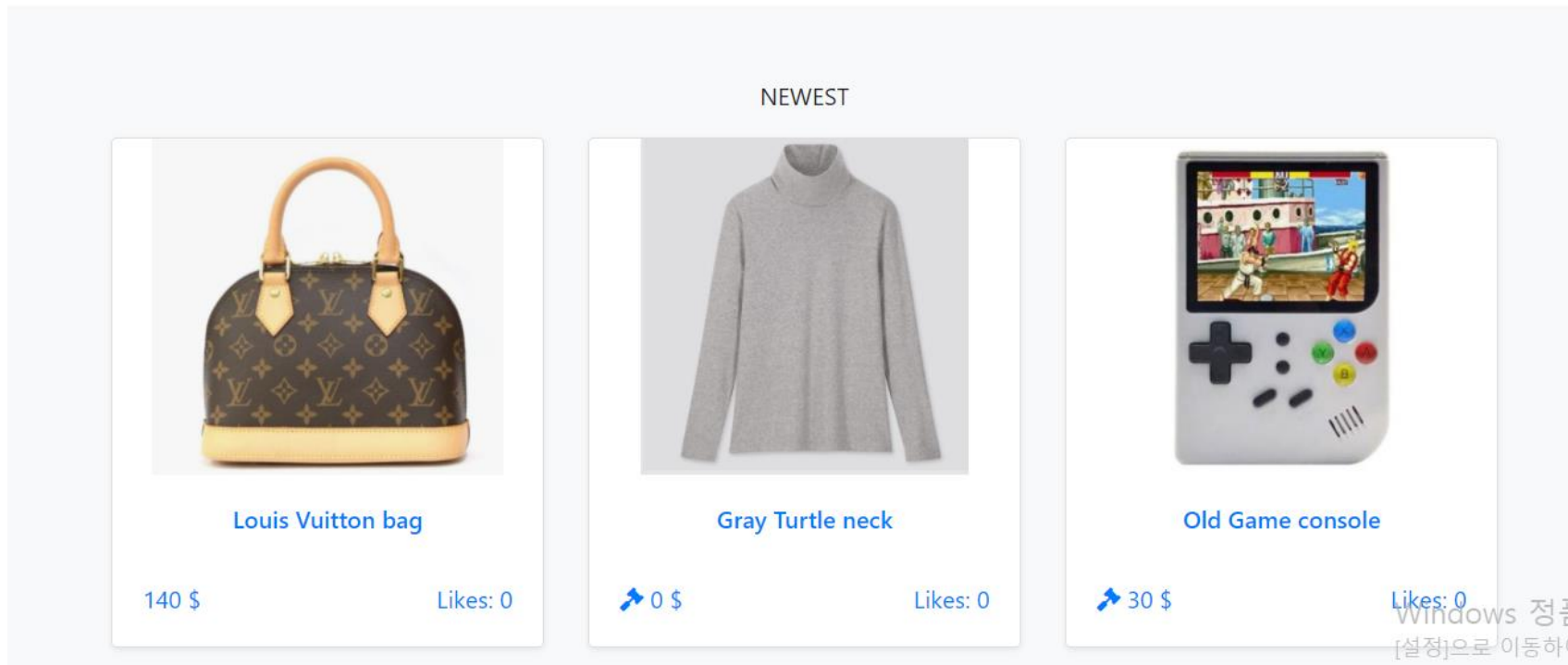
Seller

- Product registration - database

Seller

• Check product sold out

Nintendo Switch

Sold out
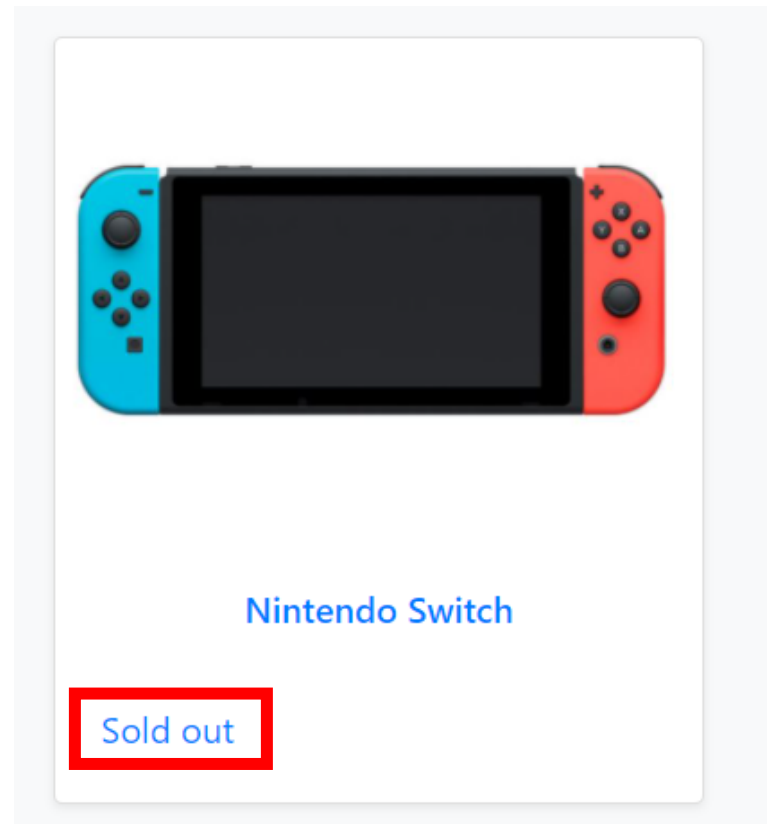
Seller

- ## Product info.
  - ### An opensource template called 'album' and 'navbar' in bootstrap-4.5.3 was used.
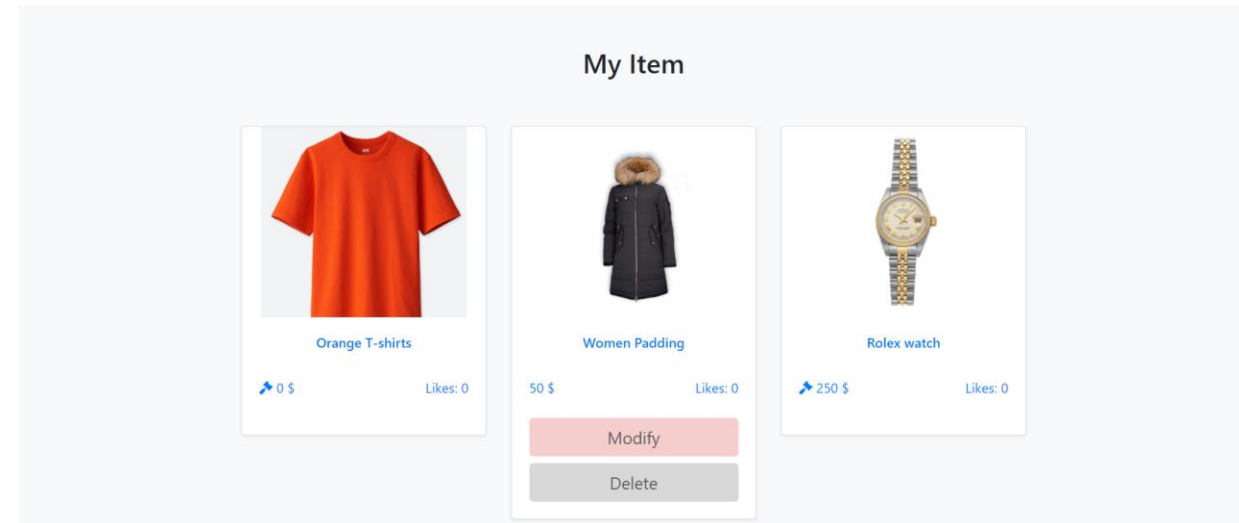
Seller

- Product info. Modify
- An opensource template called "Checkout" in bootstrap-4.5.3 was used.

Seller

- Product deletion

Seller

- Product deletion

Seller

- The number of person who wants to buy the product

Buyer

- An opensource template called 'album' and 'navbar' in bootstrap-4.5.3 was used.
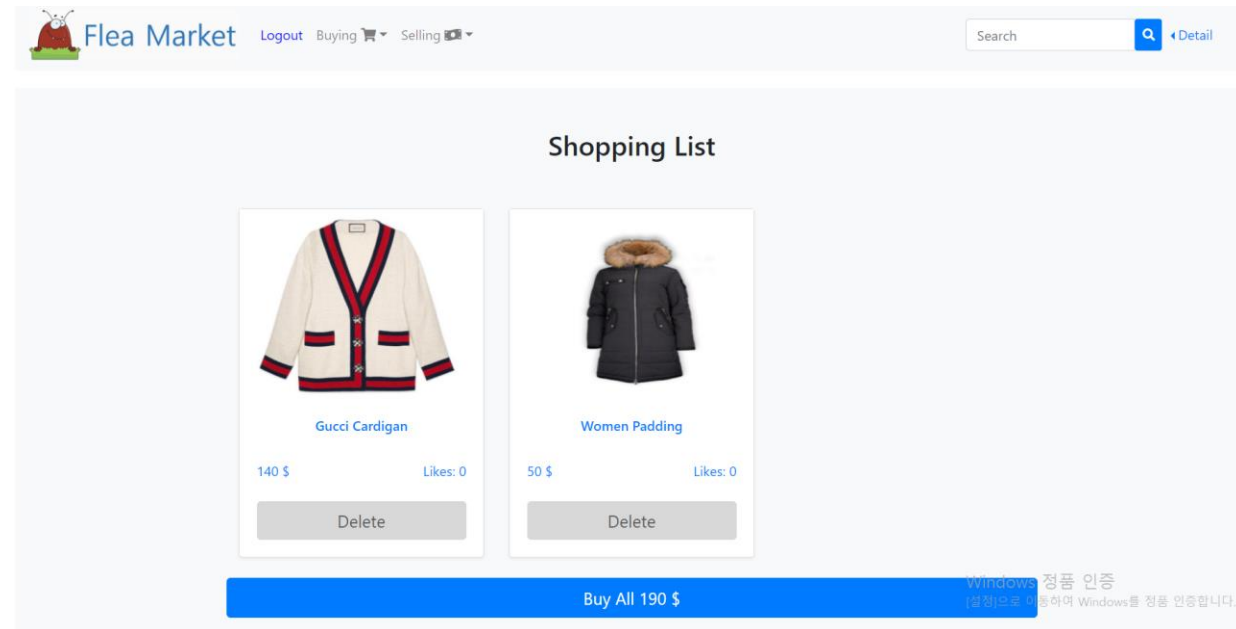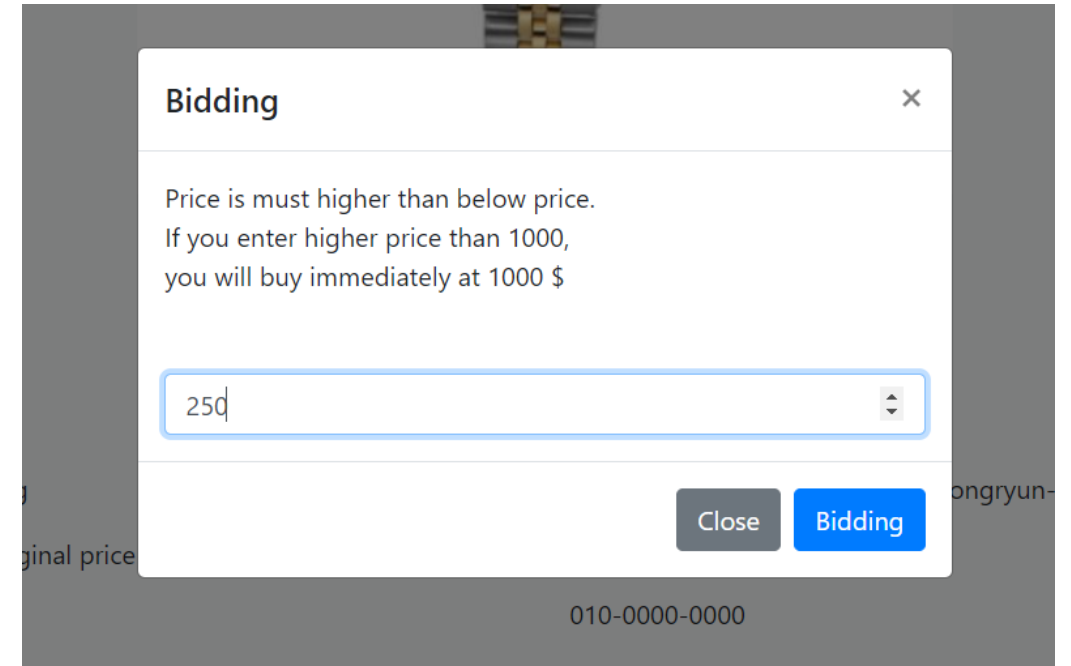
Buyer

- An opensource template called 'album' and 'navbar' in bootstrap-4.5.3 was used.
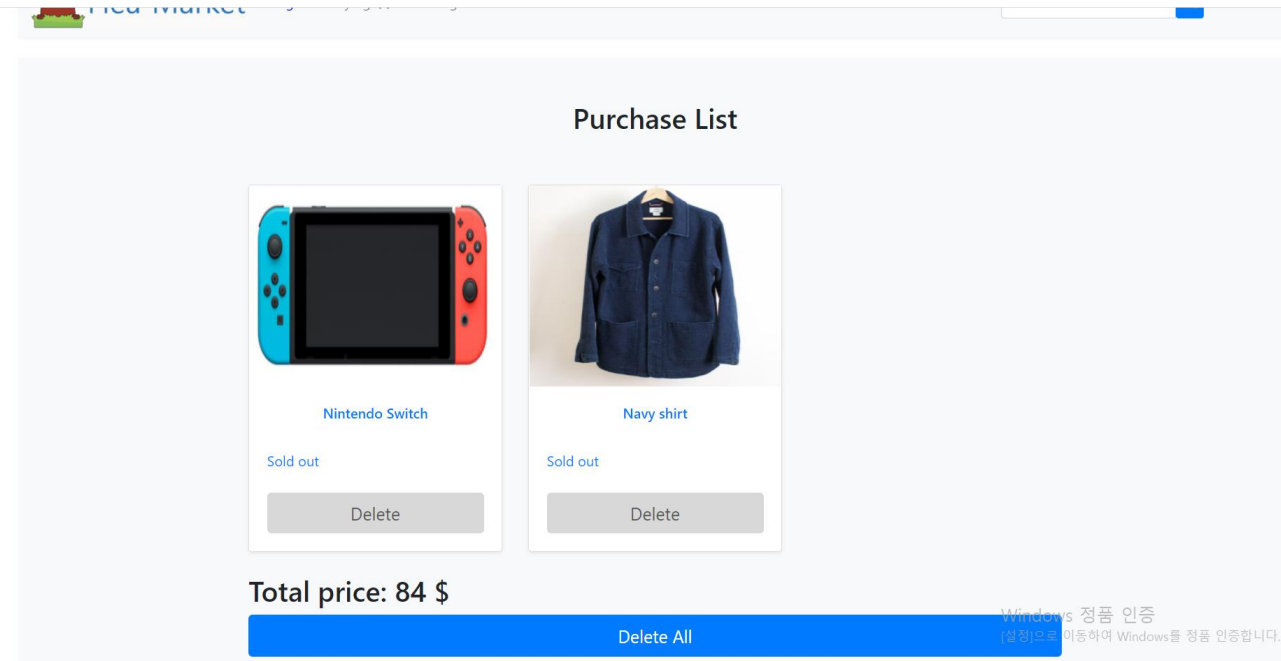
Buyer

- Auction bidding price
  - If the user suggest the higher price, the bidding user and price of the product is updated

Buyer
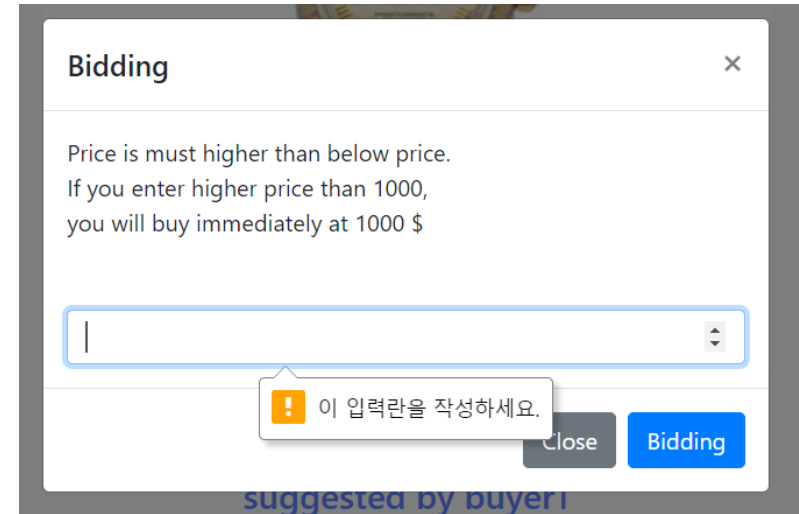
- Auction bidding price error
  - Not enter price

  - Enter lower price than higher bidding price

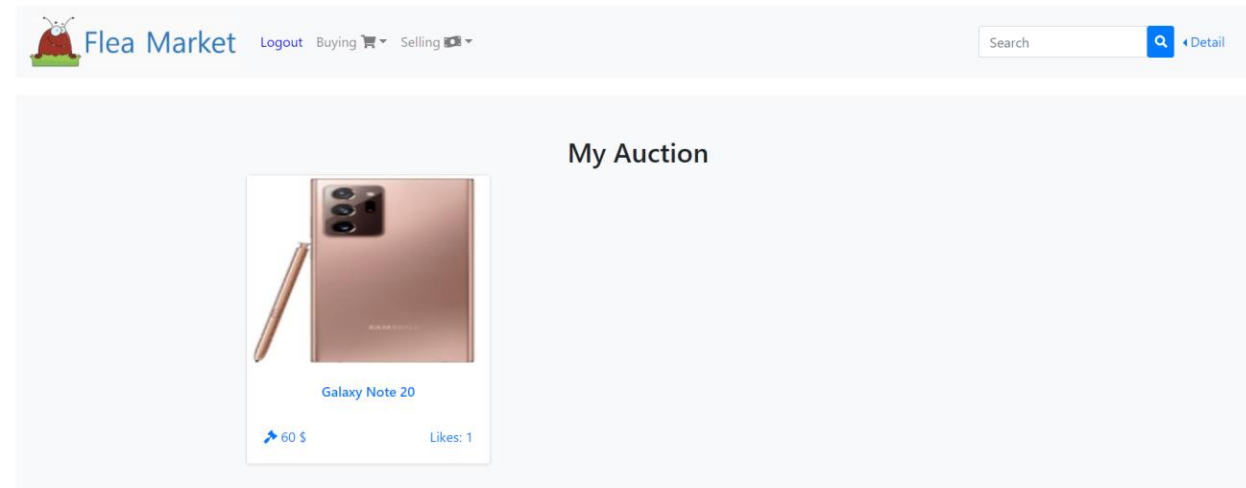 - Users cannot suggest bidding price to their own product.

Extra

- The auction item is sold automatically.
  - After the bidding time, the product is sold to user who suggested highest price.
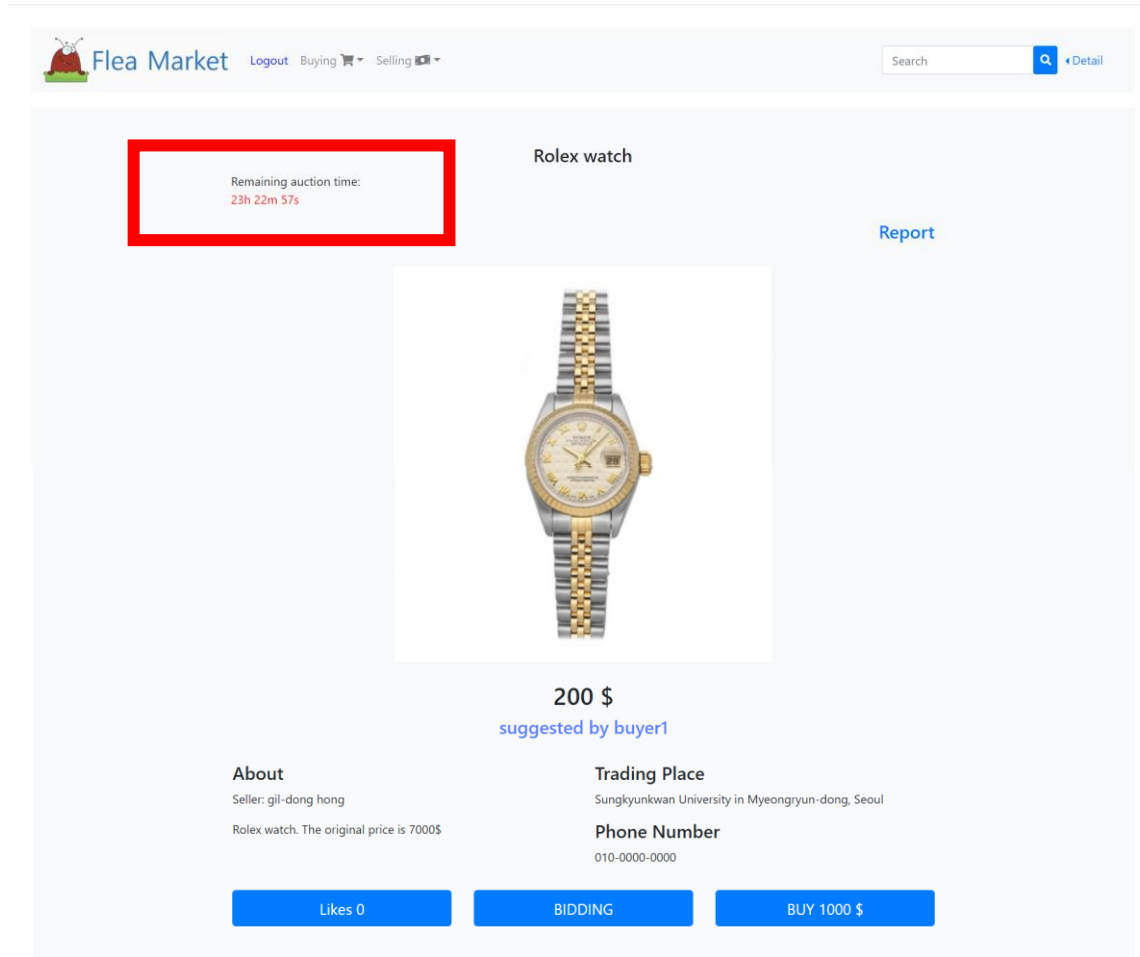
Extra

- ## My Auction
  - ### Users can check the auction in which they participated.

Extra

- Review
  - User can write the reviews in the product page

Extra

- User can see other products of seller in product page

Extra

- Report
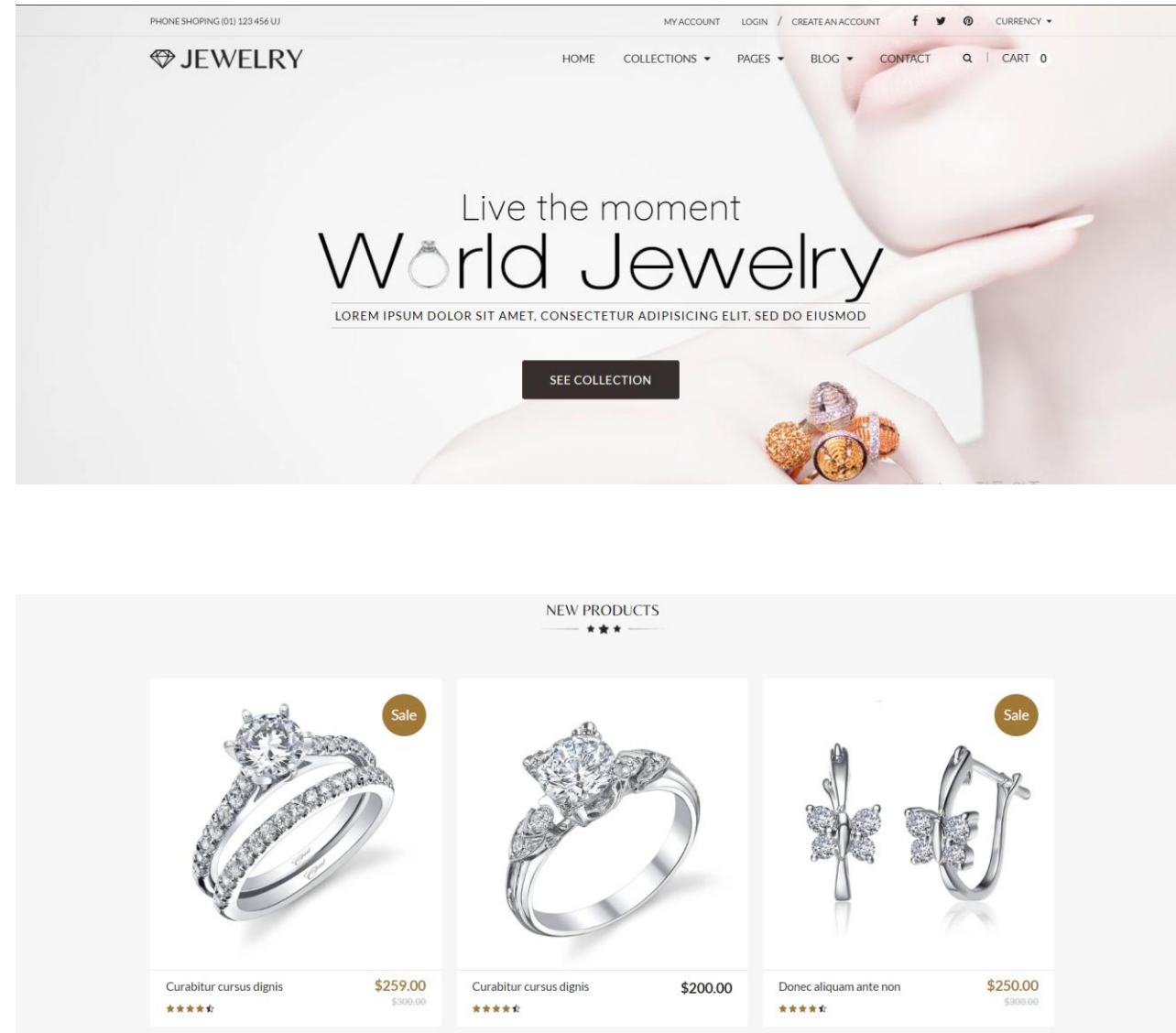 - Buyer can report the seller in product page

Extra

- Administrator can check the report and ban the user

- If the user's ban counter is upper than 5, the user cannot login
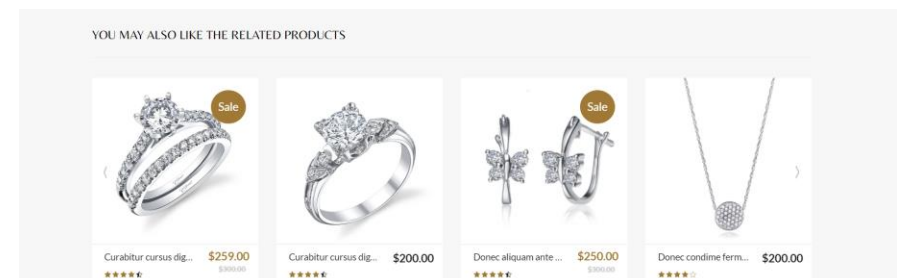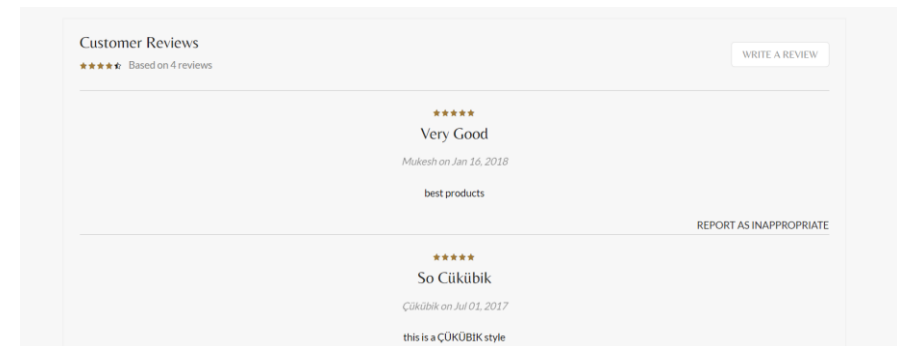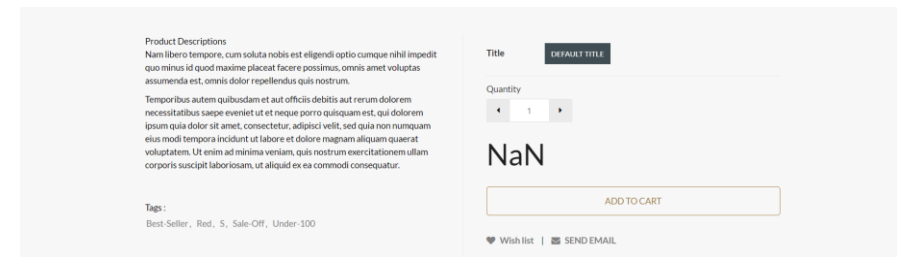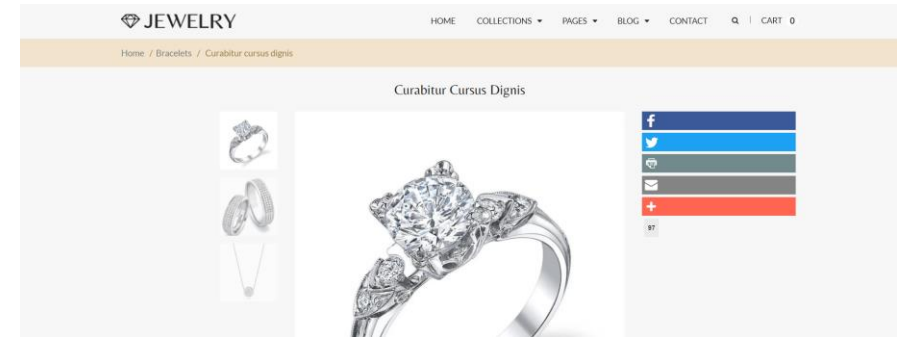
Reference

- Homepage

Jewelry Responsive Shopify Theme Preview - ThemeForest

Reference

- Product page

Jewelry Responsive Shopify Theme Preview - ThemeForest

Future advance

- Connect user login account to Naver or Google

- Set auction time for user

- Map API to inform trading place

- Picture preview when user uploads picture.

- Q&A section of product page

- Notify user whenever the user's ban counter changes

Future advance

- Admin page design different from normal page

- Neat lists(shopping, purchase, auction, wish list)

- Show date in review